Save the date!

International Conference on Prevention & Infection Control

5th

10-13 September 2019
Geneva Switzerland

WWW.ICPIC2019.COM
Welcome Address

Welcome to Geneva!

By now, ICPIC has become an established entity in the field of international Infection Control and Prevention meetings, with more than 1000 participants from 100+ countries for the prior 3 meetings. As a result, the 4th ICPIC also offers a unique forum for the exchange of knowledge and experience in the prevention of healthcare-associated infections and control of antimicrobial resistance around the world. Unless (new) emerging infections posing a public health threat arise, as it was the case during ICPIC 2015 with Ebola, the prevention and control of antimicrobial resistance remains the foremost global threat confronting all countries alike. Once again, ICPIC will provide the necessary platform to share knowledge and exchange experience with regard to antimicrobial resistance and the prevention of healthcare-associated infections in general.

The current organizing/program committee now includes representatives from the European Society for Clinical Microbiology and Infectious Diseases (ESCMID), the Society for Healthcare Epidemiology of America (SHEA), the Asia Pacific Society of Infection Control (APSIC), the Infection Control Africa Network (ICAN) and the World Health Organization (WHO) to mobilize even more world experts and key opinion leaders to share their knowledge and expertise. ICPIC keynotes, symposia, Pro-Con debate, free-papers and meet-the-expert sessions continue, as the unique and very popular Prix Hubert Tuor - ICPIC Innovation Academy, and ICPIC video contest. While retaining the elements that led to the success of the first three ICPIC summits, and continue to boost the possibilities for exchange with your peers, we will surprise you again with new features, too.

We wish you a successful ICPIC 2017!
Partnering with clinics to lift them to a higher level

Staff and patient protection lies at the core of our scientific commitment, based on the examination of infection risks and the development of quality products and targeted prevention methods.

Get to know our Hand Hygiene Evolution Concept – a multi-modal approach to systematically enhance compliance in hospital hygiene.

Come and meet us at our stand.
Committees

Organizers
Didier Pittet, Geneva
Stephan Harbarth, Geneva
Andreas Voss, Nijmegen

Local Support Team
*The local support team is a multidisciplinary team from Geneva providing logistical assistance to the scientific committee.*

Esther Bettiol
Tcheun-How Borzykowski
Fabricio da Liberdade Jantarada
Claude Ginet
Rosalie Kacou Adom

Scientific Advisory Board
*Members of the scientific advisory board were actively involved in suggesting sessions and helping to plan a coherent and innovative programme. All members also took part in the abstract review process.*

Benedetta Allegranzi, WHO
Philippe Eggimann, Switzerland
Petra Gastmeier, Germany
Stephan Harbarth, Switzerland
Loreen Herwaldt, US
Moi Lin Ling, Singapore
Didier Pittet, Switzerland
Evelina Tacconelli, Italy
Andreas Voss, The Netherlands
Walter Zingg, Switzerland

Abstract Reviewers

| Mohamed Abbas (CH) | Philippe Eggimann (CH) | Romain Martischang (CH) |
| Alexander Aiken (UK) | Sergey Eremin (CH) | Aliki Metsini (CH) |
| Werner Albrich (CH) | Petra Gastmeier (DE) | Daniela Pires (CH) |
| Benedetta Allegranzi (WHO) | Stefan Hagel (DE) | Didier Pittet (CH) |
| Paul Anantharajah Tambyah (SG) | Sonja Hansen (DE) | Jacky Reilly (UK) |
| Le Thi Anh Thu (VT) | Stephan Harbarth (CH) | Hugo Sax (CH) |
| Fernando Bellissimo (BR) | Loreen Herwaldt (US) | Manuel Schibler (CH) |
| Esther Bettiol (CH) | Benedikt Huttner (CH) | Julie Storr (UK) |
| Marc Bonten (NL) | Anne Iten (CH) | Evelina Tacconelli (DE) |
| Micheal Borg (MT) | Nordiah Jaiil (MY) | Ermira Tartari (CH) |
| Phil Carling (US) | Bill Jarvis (US) | Jean-François Timsit (FR) |
| Enrique Castro Sanchez (UK) | John Jernigan (US) | Funda Timurkaynak (TR) |
| Vincent Cheng (HK) | Claire Kilpatrick (WHO) | Margret Vos (NL) |
| John Conly (CA) | Jan Kluytmans (NL) | Andreas Voss (NL) |
| Nizam Damani (UK) | Caroline Landelle (FR) | Jiancong Wang (CH) |
| Marlizee de Kraker (CH) | Moi Lin Ling (SG) | Walter Zingg (CH) |

ICPIC wishes to express its thanks to the abstract reviewers for their work and collaboration.
General Information

CONFERENCE DATE
The conference opens on Tuesday 20 June 2017 and closes on Friday 23 June 2017.

CONFERENCE VENUE AND LOCATION
The 4th International Conference on Infection and Prevention Control - ICPIC 2017 is taking place at the International Conference Centre Geneva (CICG) located near the United Nations and the airport, and only 10 minutes from the city centre on a convenient bus route.

International Conference Centre Geneva (CICG)
17, Rue de Varembé
CH-1202 Geneva
Switzerland

How to get there:
From the main railway station “Gare Cornavin”:
• Bus n° 5: stop “Vermont” (5 mins)
• Bus F: stop “Varembé” (5 mins)
• Tramway n° 15: stop “Nations” (6 mins)

From the international airport “Genève Cointrin”:
• Bus n° 5: stop “Vermont” (13 mins)

REGISTRATION DESK OPENING HOURS
Tuesday 20 June 10:00 - 20:00
Wednesday 21 June 07:30 - 18:30
Thursday 22 June 07:30 - 18:30
Friday 23 June 07:30 - 12:00

CONFERENCE ORGANISER
MCI Suisse SA has been selected by ICPIC as the official conference organizer to process registrations, hotel reservations, abstract management, exhibition and sponsorship. All correspondence should be sent to:

ICPIC 2017
c/o MCI Suisse SA
9 rue du Pré-Bouvier
CH-1242 Satigny
Switzerland
Tel. +41 22 33 99 577
Fax +41 22 33 99 651
Email: icpic@mci-group.com

CASH MACHINE
Cash machines are available near the conference venue at the post office or the UBS bank.

CELLULAR PHONES AND PAGERS
As a courtesy to all conference attendees and speakers, cellular phones, pagers and other electronic devices must be operated in silent or vibration mode during sessions. No cellular phone conversations are permitted during sessions.

CERTIFICATE OF ATTENDANCE
A certificate of attendance will be sent by email (to the email address provided during the registration process) to all duly registered participants, after the conference.

CONTINUING MEDICAL EDUCATION (CME) CREDITS
The 4th ICPIC has applied for CME accreditation with UEMS-EACCME®. The application is under review and the results will be announced as soon as released.

CONFERENCE APP
Get all the information you need on your fingertips with the ICPIC 2017 mobile app. It is available for free on iOS and Android.

CONFERNECE DOCUMENTS AND BADGES
Conference documents should be collected onsite at the registration desk at the CICG. Name badges must be worn visibly at all times during the conference and in the exhibition area.

CONFERENCE NEWS - JOIN THE CONVERSATION
ICPIC 2017 has created dedicated Facebook and Twitter pages, to keep you updated on the latest conference news. Join us on Facebook & Follow us on Twitter!
Participants are invited to do live Twitting during the conference, special seats are reserved in session rooms for this usage.

FOOD AND BEVERAGE
Complimentary coffee and tea is served in the exhibition area during official coffee breaks. Lunch is provided on Wednesday and Thursday. A cafeteria and bar are available in the conference centre.

GENEVA
Geneva enjoys a worldwide reputation as a conference city; it embodies the creativity of science and technology, a vigorous business sector, and has a special cultural appeal with unmistakable flair and charm. Draped around the deep blue waters of Lac Léman, Geneva has grown wealthy and influential as the cultural and economic focus of French-speaking Switzerland. It is also an international city and home to many global institutions from the International Red Cross to the WHO! Information on Geneva is available at the registration area.

GETTING AROUND IN GENEVA
Geneva’s centre is small enough to walk around. For the suburbs you will need to take a tram or bus. Daily passes are provided free of charge to Geneva hotel guests, courtesy of the Geneva Tourist Board.
INTERNET
An internet corner is located in the exhibition area. Wi-Fi connexion is also available in the conference venue. Wireless internet access is available to all participants in the conference venue. Personal access codes are provided together with the badge and here below:
Username: ICPIC / Password: GE2017

LANGUAGES
The official conference language is English. No simultaneous interpretation will be provided.

ONLINE PROGRAMME
The full scientific programme is available on the ICPIC website offering the possibility to create and download your personal schedule.

SMOKING POLICY
The conference venue is entirely non-smoking.

SURVEY / CONFERENCE EVALUATION
We would be grateful if you could take a few minutes to answer an online survey that will be sent to you shortly after the conference. Your valuable feedback will help us to improve the organisation and quality of the next ICPIC Conference.

TRAVEL INSURANCE
It is recommended that participants obtain adequate cover for travel, health and accident insurance before they depart from their countries. ICPIC and MCI as organizers cannot accept responsibility for personal injuries, or loss of, or damage to, private property belonging to the delegates.

Scientific Information

POSTERS & GUIDED POSTER TOURS
Scientific and special posters are located in the poster areas on level 1 and level -1. Authors of accepted posters are requested to be at their poster to enable discussion during the official poster viewing times:
Wednesday 21 June 13:15 - 14:15
Thursday 22 June 13:15 - 14:15

Adhesive stickers and hanging materials are available at the poster desk located near to the poster area. Guided poster tours on selected topics are taking place during lunch break on Wednesday and Thursday. For further information refer to page 18 and 34.

SPEAKERS PREVIEW ROOM
The Speakers Preview Room is located behind Room 1 on level 1 and is open at the following hours:
Tuesday 20 June 10:00 - 20:00
Wednesday 21 June 07:30 - 18:30
Thursday 22 June 07:30 - 18:30
Friday 23 June 07:30 - 12:00

All speakers are requested to upload their presentation at least 2 hours before their session, or the day before for the early morning sessions.

Networking Events

MEET & GREET RECEPTION
Tuesday 20 June, 19:00 - 20:00 at the conference venue
All registered participants are cordially invited to use the opportunity to meet with colleagues from all over the world.

FACULTY DINNER
Wednesday 21 June, 20:00 - 23:00
Upon invitation only

LATIN-AMERICA NIGHT
Thursday 22 June, 18:30 - 22:00 at the conference venue
All registered participants are cordially invited to continue the discussions inspired by posters and presentations during the day. The theme of the evening is Latin American culture. Network with colleagues from all around the world in a relaxed atmosphere. No matter your origin, please come dressed in a Latin American outfit, show your singer’s talent at karaoke and enjoy the sounds of Latin American music, Samba dancers and food! The best outfit and best karaoke performance will be awarded a prize. Get ready for this great memorable Latin American night!
<table>
<thead>
<tr>
<th>Rooms/Time</th>
<th>Room 01</th>
<th>Room 03</th>
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<tbody>
<tr>
<td>10:00 - 20:00</td>
<td>Registration</td>
<td>Satellite symposium</td>
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<td>Please refer to page 50 for detailed programme</td>
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<tr>
<td>13:00 - 17:20</td>
<td>Pre-ICPIC workshop</td>
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<tr>
<td></td>
<td>Refugees and Migrants: health, vulnerability and infection</td>
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<tr>
<td>17:30 - 19:00</td>
<td>Welcome address &amp; Opening ceremony</td>
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<tr>
<td>19:00 - 20:00</td>
<td>Meet &amp; Greet Reception - Visit of ICPIC Lounge and Exhibition - “Resistants” Book signing by the author</td>
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<td>Rooms/Time</td>
<td>Room 01</td>
<td>Room 02</td>
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<tr>
<td>08:00 - 08:50</td>
<td>Meet The Expert sessions (MTE) - Rooms 1, 2, 3, 4, 15 &amp; 16</td>
<td>Preventing catheter-related bloodstream infection: evidence from recent large randomized controlled trials (RCTs)</td>
</tr>
<tr>
<td>09:00 - 10:30</td>
<td>Keynote: Bridges to the future with interdisciplinary teams</td>
<td>Large-scale projects, actions and visions to fight antimicrobial resistance (AMR)</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td>Coffee break and visit of the exhibition</td>
<td>Poster viewing, guided poster tours, visit of the exhibition and lunch</td>
</tr>
<tr>
<td>11:00 - 11:30</td>
<td>Keynote: Bridges to the future with interdisciplinary teams</td>
<td>Poster viewing, guided poster tours, visit of the exhibition and lunch</td>
</tr>
<tr>
<td>11:45 - 13:00</td>
<td>Semmelweis day: the best of hand hygiene</td>
<td>Poster viewing, guided poster tours, visit of the exhibition and lunch</td>
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<tr>
<td>13:15 - 14:15</td>
<td>Prix Hubert Tuor - ICPIC Innovation Academy: poster presentation</td>
<td>Poster viewing, guided poster tours, visit of the exhibition and lunch</td>
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<td>Rooms/Time</td>
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<tr>
<td>08:00 - 08:50</td>
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<td>Meet The Expert sessions (MTE) - Rooms 1, 2, 3, 4, 15 &amp; 16</td>
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<tr>
<td>09:00 - 10:30</td>
<td>New perspectives on surgical site infection (SSI) prevention</td>
<td>Point prevalence studies (PPS): back to the future?</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Coffee break and visit of the exhibition</td>
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<tr>
<td>11:00 - 11:40</td>
<td>The New WHO CRE-CRAB-CRPsA Infection Control Guidelines - an important step at a critical time</td>
<td>&quot;Real-time&quot; whole genome sequencing to reduce the spread of resistant bacteria</td>
</tr>
<tr>
<td>11:45 - 13:00</td>
<td>Hand Hygiene Excellence Award</td>
<td>Challenges from Asia</td>
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<tr>
<td>13:15 - 14:15</td>
<td>Poster viewing, guided poster tours, visit of the exhibition and lunch</td>
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<tr>
<td>14:30 - 16:00</td>
<td>SHEA-ICPIC symposium: The challenge with infection control evidence</td>
<td>Implementation of infection prevention and control (IPC) core components in low-resource settings</td>
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<tr>
<td>16:00 - 16:30</td>
<td>Coffee break and visit of the exhibition</td>
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<tr>
<td>16:30 - 18:00</td>
<td>A year in infection control</td>
<td>Infection control in special settings: less is more</td>
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<tr>
<td>18:00 - 21:30</td>
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<td>Rooms/Time</td>
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<tr>
<td>09:00 - 10:30</td>
<td>DRIVE-AB Symposium: Responsible antibiotic use and new developments</td>
<td>Slide session: Surveillance of healthcare-associated infections</td>
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<tr>
<td>10:30 - 11:00</td>
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<tr>
<td>11:00 - 11:40</td>
<td>Keynote: Past, current, and future challenges at CDC</td>
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<tr>
<td>11:45 - 13:00</td>
<td>Prix Hubert Tuor - ICPIC Innovation Academy - The Finals</td>
<td>Slide session: Epidemiology and control of multi-resistant bacteria</td>
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<tr>
<td>13:00 - 13:30</td>
<td>Closing &amp; award ceremony</td>
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## Scientific Programme – Tuesday 20 June 2017

### Pre-ICPIC workshop

**Refugees & Migrants: health, vulnerability and infection**  
Room 01  
*Chairpersons: Kanokporn Kaojaroen (WHO) & Marc Mendelson (ISID)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>13:00</td>
<td>Welcome address</td>
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</tbody>
</table>
| Mohamed Abbas  
Geneva University Hospitals (HUG) |
| 13:05 | Voyage at the heart of the migrant crisis |
| Laure Gabus  
Freelance journalist |
| 13:25 | Migrant health and healthcare determinants |
| Manuel Carballo  
International Center for Migration Health and Development (ICMHD) |
| 13:45 | Overview of the humanitarian response |
| Esperanza Martinez  
International Committee of the Red Cross |
| 14:05 | Challenges on the field related to patient management |
| Tammam Aloudat  
Médecins Sans Frontière (MSF) |
| 14:25 | Q&A Session |
| 14:40 | COFFEE BREAK |
| 15:05 | Short video viewing |
| 15:10 | Infectious diseases in migrants |
| Yves Jackson  
Geneva University Hospitals (HUG) |
| 15:30 | Infection control conundrums |
| Sophie Durieux  
Geneva University Hospitals (HUG) |
| 15:50 | STDs and vaccine-preventable diseases |
| Aleksandra Jablonka  
Medizinische Hochschule Hannover (MHH) |
| 16:10 | The situation in Greece |
| Sotiris Tsiodras  
Hellenic Centre for Infectious Diseases Control, National and Kapodistrian University of Athens |
| 16:30 | Q&A Session |
| 16:45 | Conclusion with a round-table discussion |

All contributors listed above will take part in the round table discussion, with the kind contribution of Dr Roumyana Petrova-Benedict (International Organization for Migration), Daniel Koch (Office Fédéral de la Santé Publique) and Javier Bartolomei (HUG).  

**Closing statement**

17:15
**ICPIC OPENING CEREMONY**

<table>
<thead>
<tr>
<th>Welcome address</th>
<th>Room 01</th>
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<tbody>
<tr>
<td><strong>Welcome</strong></td>
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<tr>
<td>Bertrand Levrat, CEO HUG</td>
<td>17:30</td>
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<tr>
<td>Yves Flückiger, Rector University of Geneva</td>
<td>17:35</td>
</tr>
<tr>
<td>Daniel Koch, Federal Office for Public Health, Switzerland</td>
<td>17:40</td>
</tr>
<tr>
<td><strong>Welcome to ICPIC 2017</strong></td>
<td>17:45</td>
</tr>
<tr>
<td>Stephan Harbarth (CH)</td>
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</tbody>
</table>

**Keynotes opening lectures**

- **Infection prevention control: the past 10 years at the World Health Organization (WHO)**
  - Marie-Paule Kieny (WHO) 18:00

- **Infection prevention and control: the past 10 years with both feet in the dirt**
  - Andreas Voss (CH) 18:20

**Opening remarks**

- Didier Pittet (CH) 18:40

**MEET AND GREET RECEPTION**

*with the kind support of the City and Canton of Geneva*

- Exhibition area 19:00 - 20:00

**Tuesday 20 June 17:30 - 19:00**
### Scientific Programme

#### Wednesday 21 June

**08:00 - 08:50**

**MEET THE EXPERT SESSIONS**

**Hand hygiene hands-on: applying the train-the-trainers concept in different continents**  
**Speakers:** Marcela Hernandez (CR), Daniela Pires (CH), Ermira Tartari (MT)  
**Room 01**

**Latest news & data on ventilator-associated pneumonia (VAP) prevention**  
**Speakers:** Caroline Landelle (FR), Jean-François Timsit (FR)  
**Room 02**

**Recommendations and tools for infection control (IC) in long-term care facilities**  
**Speakers:** Yehuda Carmeli (IL), Maria Luisa Moro (IT)  
**Room 03**

**Colistin ban in China: the story behind the story**  
**Speakers:** Stephan Harbarth (CH), Wing-Hong Seto (HK), Tim Walsh (UK)  
**Room 04**

**The role of social media (SoMe) in infection prevention and control**  
**Speakers:** Tcheun-How Borzykowski (CH), Claire Kilpatrick (WHO)  
**Room 15**

**Challenges for antimicrobial resistance (AMR) control in low-middle economy countries**  
**Speakers:** Folasade Ogunsola (NG), Benjamin Park (US)  
**Room 16**

**09:00 - 10:30**

**GENERAL SESSION**

**Surveillance in the next decade**  
**Chairpersons:** Evelina Tacconelli (DE), Christina Vandenbroucke-Grauls (NL)  
**Room 01**

**Can humans do surveillance accurately?**  
**Matthew Samore (US)**  
**09:00**

**Getting ready for automated surveillance of healthcare-associated infections**  
**Maaike van Mourik (NL)**  
**09:20**

**Do our current surveillance methods identify outbreaks?**  
**Eli Perencevich (US)**  
**09:40**

**One health surveillance: getting data across species and borders**  
**Evelina Tacconelli (DE)**  
**10:00**

**Discussion**  
**10:20**

**Preventing catheter-related bloodstream infection: evidence from recent large randomized controlled trials (RCTs)**  
**Chairpersons:** Philippe Eggimann (CH), Jean-François Timsit (FR)  
**Room 02**

**Selecting the insertion site for central venous catheters**  
**Jean-Jacques Parienti (FR)**  
**09:00**

**Preparing the insertion site**  
**Jean-François Timsit (FR)**  
**09:20**

**Assessing a multi-modal strategy across Europe**  
**Walter Zingg (CH)**  
**09:40**

**Barriers and facilitators of implementation success**  
**Hugo Sax (CH)**  
**10:00**

**Discussion**  
**10:20**
LOW-MIDDLE INCOME COUNTRIES SESSION

The problems of infection in obstetrics in low and middle income countries  
Chairpersons: Benedetta Allegranzi (WHO), Joseph Solomkin (US)

The broad problem of maternal sepsis and World Health Organization (WHO) efforts  
Mercedes Bonet Semanas (WHO)

The particular problem of surgical site infection in C-sections  
Susannah Wood (US)

Implementation strategies for surgical site infection prevention guidelines  
Thomas Weiser (US)

A single intervention approach to surgical site infection prevention in a sub-Saharan African hospital  
Alexander Aiken (UK)

Discussion

INTEGRATED SYMPOSIUM

Current challenges in hand hygiene research and action  
Refer to page 47 for detailed programme

COFFEE BREAK AND VISIT OF THE EXHIBITION  
10:30 - 11:00

Wednesday 21 June

KEYNOTE LECTURE

Bridges to the future with interdisciplinary teams  
Chairperson: Didier Pittet (CH)

Speaker: Elaine Larson (US)

Wednesday 21 June

SEMMELWEIS DAY

The best of hand hygiene: new strategies to improve hand hygiene promotion programs  
Chairpersons: Moi Lin Ling (SG), Didier Pittet (CH)

Patient participation in hand hygiene promotion  
Andrew Stewardson (AU)

Innovative activities to promote hand hygiene  
Emira Tartari (MT)

Addressing campaign fatigue  
Wing-Hong Seto (HK)

Q&A: What you always wanted to know about hand hygiene, but were afraid to ask?  
With all speakers and J. Boyce, E. Larson, A. Voss, A. Widmer

Semmelweis days at ICPIC 2011 - 2013 - 2015 - and beyond  
Surprise speaker

GENERAL SESSION

Large-scale projects, actions and visions to fight antimicrobial resistance (AMR)  
Chairpersons: Evelina Tacconelli (DE), John Jernigan (US)

Fleming Fund: practical solutions to addressing antimicrobial resistance (AMR) surveillance in low/middle-income countries  
Tim Walsh (UK)

Surveillance and intervention at national level  
Yehuda Carmeli (IL)

The World Health Organization (WHO) global antimicrobial resistance (AMR) programme  
Marc Sprenger (WHO)

Discussion
### SLIDE SESSION

**Environment, cleaning and *Clostridium difficile***

*Chairpersons: Markus Dettenkofer (DE), Martin Kiernan (UK)*

<table>
<thead>
<tr>
<th>Abstract N°</th>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>O1</td>
<td>11:45</td>
<td>Risk of nosocomial <em>Clostridium difficile</em> infection following exposure to antimicrobial agents</td>
<td>M. Rubin (US); V. Stevens, M. Leecaster, J. Ying, T. He, B. Sauer</td>
</tr>
<tr>
<td>O2</td>
<td>11:57</td>
<td>Reduction in <em>Clostridium difficile</em> infection associated with the introduction of a hydrogen peroxide disinfection system</td>
<td>A. Anesi (IT); V. Rognoni, S. Asticcioli, M. Gelosa, R. Accetta, M. Ferrari</td>
</tr>
<tr>
<td>O3</td>
<td>12:09</td>
<td>Improving real world evidence around hospital cleaning - the role of a pragmatic, implementation focused trial</td>
<td>L. Hall (AU); On behalf of the Researching Effective Approaches to Cleaning in Hospitals (REACH) study team</td>
</tr>
<tr>
<td>O4</td>
<td>12:21</td>
<td>An international survey of cleaning and disinfection practices in the healthcare environment</td>
<td>N. Kelters (NL); T. Gottlieb, E. Huijskens, E. Tartari, J. Hopman, M. Schweizer, A. Voss on behalf of ISC Infection and Control Working Group</td>
</tr>
<tr>
<td>O5</td>
<td>12:33</td>
<td>Transmission of pathogens from dry surface biofilms: effect of glove type</td>
<td>G. Whiteley (AU); K. Vickery, S. Tahir, D. Chowdhury, M. Legge, A. Deva, H. Hu</td>
</tr>
</tbody>
</table>

### INTEGRATED SYMPOSIUM

**Training in infection prevention and control: future perspectives**

*Room 04*

Refer to page 47 for detailed programme

### POSTER VIEWING, VISIT OF THE EXHIBITION AND LUNCH

**Wednesday 21 June**

**13:00 - 14:30**

### GUIDED POSTER TOURS

Guided poster tours on selected topics are taking place during lunch break. Poster presenters will be available in front of their poster.

Refer to page 18 for further details

**Wednesday 21 June**

**14:30 - 16:00**

### SPECIAL SESSION

**Prix Hubert Tuor - ICPIC Innovation Academy: The Pitch**

*Room 01*

*Chairpersons: John Conly (CA), Didier Pittet (CH)*

<table>
<thead>
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<th>Abstract N°</th>
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<tbody>
<tr>
<td>I1</td>
<td>14:30</td>
<td>Biological disinfection with bacteriophages: experience and perspectives</td>
<td>V. Akimkin (RU); N. Shestopalov, V. Shumiyov, T. Salmina, A. Dabizheva, P. Kanygin, I. Khrapunova, T. Shestopalova, L. Fedorova</td>
</tr>
<tr>
<td>I2</td>
<td>14:35</td>
<td>Identification of anti-virulence compounds for combating <em>Staphylococcus aureus</em> infections by high-throughput screening (HTS)</td>
<td>R. Y. Kao (HK); P. Gao</td>
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</tbody>
</table>
Abstract N° I3  
Constructional/structural infection control strategy - architectural analysis, rating and solution strategy to control infectious pathways in building systems  
J. Holzhausen (DE)  
W. Sunder

Abstract N° I4  
ISEE-resistance: using in silico experimental evolution to sensitize providers on antibiotic resistance  
G. Beslon (FR)  
D. Schneider

Abstract N° I5  
HAItool - using innovative design science to collaboratively implement an antibiotic stewardship decision-supporting smart system  
L. V. Lapao (PT)  

Abstract N° I6  
Welcome on board! An edutainment movie to promote basic infection prevention measures  
A. Wolfensberger (CH)  
M.-T. Meier, L. Clack, H. Sax

Abstract N° I7  
Integrating patients’ experiences, understandings and enactments of infection prevention and control into clinicians’ everyday care: a video-reflexive-ethnographic exploratory intervention  
M. Wyer (AU)  
R. Iedema, S. Hor, G. L. Gilbert

Abstract N° I8  
The potential and risks of internet-of-things for patient safety - using indoor-location systems to improve nurses’ hand hygiene performance  
J. P. Gregório (PT)  
P. Póvoa, L. V. Lapao

Abstract N° I10  
How we talk about hand hygiene matters - an exploration of hand hygiene etymology  
C. Kilpatrick (WHO)  
J. Storr

INNOVATION, SOCIAL MEDIA AND INFLUENCE ON HAND HYGIENE

Abstract N° I11  
Impact of the “Save Lives: Clean Your Hands 5th of May” campaign on the press: 2005-2016  
V. Zimmerli (CH)  
M. Baudrillart, D. Pires, F. Schneider, T.-H. Borzykowski, C. Fankhauser, P.-Y. Badillo, D. Pittet on behalf of Communication Language Internet Project in Health (CLIP-H)

Abstract N° I12  
Uses of Twitter in health: the case of hand hygiene and infection control  
M. Baudrillart (CH)  

Abstract N° I13  
Infection control on the movie screen Semmelweis Foundation Award 2017  
B. Szél (HU)  
K. Nagy

Concluding remarks

GENERAL SESSION

Challenges with device processing and sterilization  
Chairpersons: Petra Gastmeier (DE), John Boyce (US)

Endoscopes: trouble at the end of the channel  
Margreet Vos (NL)
How to translate reprocessing instructions from the companies into real life? 14:50
Ojan Assadian (UK)

Improving sterilization practices in the Asia Pacific region 15:10
Moi Lin Ling (SG)

Should new devices meet stringent requirements like new drugs for market approval? 15:30
John Boyce (US)

Discussion 15:50

GENERAL SESSION

Antimicrobial stewardship: lessons from Europe, Australia and the US 14:30
Room 03
Chairpersons: Wing-Hong Seto (HK), Stephan Harbarth (CH)

Recent European Union initiatives on antimicrobial stewardship 14:30
Dominique Monnet (ECDC)

Stewardship interventions to reduce antimicrobial resistance: what is the evidence? 14:50
Keith Kaye (US)

«Carrot & stick» for effective antimicrobial stewardship: the Australian approach 15:10
Lindsay Grayson (AU)

Outpatient antibiotic stewardship and public awareness campaigns 15:30
Benedikt Huttner (CH)

Discussion 15:50

INTEGRATED SYMPOSIUM

How to implement guidelines into clinical practice? 16:00
Refer to page 47 for detailed programme

COFFEE BREAK AND VISIT OF THE EXHIBITION 16:00 - 16:30

Wednesday 21 June 16:30 - 17:30

GENERAL SESSION

Decolonization and probiotics 16:30
Room 01
Chairpersons: John Jernigan (US), Jean-Christophe Lucet (FR)

Update on decolonization of Gram-negative carriers 16:30
Benedikt Huttner (CH)

Carriage of Gram-positive bacteria: decolonization and novel approaches to prevent infection 16:50
Jean-Christophe Lucet (FR)

Role of probiotics for Clostridium difficile suppression and prevention 17:10
Loreen Herwaldt (US)

LOW-MIDDLE INCOME COUNTRIES SESSION

Avoiding infections due to invasive procedures in low-resource settings 16:30
Room 02
Chairpersons: Nizam Damani (UK), Folasade Ogunsola (NG)

Injection safety: learning from country assessments and implementation of the new World Health Organization (WHO) global policy 16:30
Arshad Altaf (PK)

How safe is reuse of medical devices? Making decontamination effective! 16:50
Shaheen Mehtar (ZA)

Multimodal strategies for prevention of catheter-related bloodstream infection: it’s a matter of behaviour, not resources 17:10
Walter Zingg (CH)

SLIDE SESSION

Antibiotic use, stewardship and cost of resistance 16:00
Room 03
Chairpersons: Carmem Pessoa (WHO), Mike Rubin (US)
Abstract N° O7
Outcomes of methicillin-susceptible *Staphylococcus aureus* bacteremia in patients with and without Beta-lactam allergies
D. J. Livorsi (US)
M. Goto, M. Schweizer, B. Alexander, R. Nair, B. Beck, K. K. Richardson, E. Perencevich

Abstract N° O11
National prevalence study of healthcare-associated infections and antibiotic use in nursing homes (France 2016)
A. Savey (FR)
A. Machut, G. Gavazzi, Y. Lestrat, A. Berger-Carbonne on behalf of RAISIN working group

Abstract N° O9
Self medicated antibiotics in rural communities in Kano, Nigeria: a cross-sectional survey of community members
I. Yusuf (NG)
Y. D. Jobbi, A. H. Arzai, M. Shuaib

Abstract N° O10
The impact of antibiotic stewardship programs in Asia: a systematic review and meta-analysis
C. F. Lee (HK)

Abstract N° O8
Barriers and facilitators of responsible systemic antibiotic use from the patient’s perspective: a systematic review
B. Huttner (CH)
V. Zanichelli, G. Tebano, I. Gyssens, C. Pulcini, V. Vlahović-Paičevski, A. Monnier, M. Stanic Benic, S. Harbarth, M. Hulscher on behalf of DRIVE-AB consortium

GENERAL SESSION
Developing the infection control curriculum: trans-continental perspectives
Chairpersons: Michael Borg (MT), Eli Perencevich (US)

Current status in the USA and the vision of Association for Professionals in Infection Control and Epidemiology (APIC)
Linda Greene (US)

European perspectives
Nico Mutters (DE)

Asia-Pacific Society of Infection Control (APSIC) and the Asia-Pacific region
Lin Moi Ling (SG)

Discussion

Wednesday 21 June

MOVIE PROJECTION AND BOOK SIGNING

Clean Hands

Directed by Géraldine André and Stéphane Santini

This documentary is the result of an encounter. Neither with a man nor a cause, but with both inseparably linked. Hand hygiene in healthcare has been driving Prof. Didier Pittet for the last 20 years. A global burden killing 16 million per year throughout the world. Didier Pittet’s actions as well as the generalization of alcohol-based handrubs have cut by half the death toll directly due to nosocomial infections.

From Vietnam to Liberia, from the UK to Guinea, Brazil or Saudi Arabia, Clean Hands will take you to the core of an amazing story. It all began at HUG twenty years ago, and has now conquered the world.

#CleanHands

ICPIC in collaboration with POPS is delighted to offer to each registered participant the DVD of “Clean Hands”. We invite you to collect the DVD at POPS booth n°35 upon presentation of the voucher.

“Resistants” Book signing

At the end of the movie, Thierry Crouzet, author of “Clean Hands Save Lives”, will sign his new book “Resistants”

Refer to page 53 for further details
Wednesday 21 June 2017

Guided Poster Tours

Surgical site infection: Risk factors and methodology
Chairperson: Joe Solomkin (US)

P1 EFFECT OF PARTICIPATING IN A SURGICAL SITE INFECTION SURVEILLANCE (SSI) NETWORK ON THE TIME-TREND OF SSI RATES: A SYSTEMATIC REVIEW / E. Tartari* - M. Abbas - B. Allegranzi - D. Pittet - S. Harbarth


P5 PREDICTORS OF SURGICAL SITE INFECTION IN LIVER TRANSPLANT RECIPIENTS: HISTORICAL COHORT / R. A. Oliveira* - V. B. Poveda


P10 POSTDISCHARGE SURVEILLANCE: AN INTEGRATIVE REVIEW / V. H. A. Binotto - G. M. G. B. D. S. Guatura - V. D. B. Poveda*


Device-associated infections, intensive care and dialysis
Chairperson: Nicola Petrosillo (IT)

P15 VENTILATOR ASSOCIATED EVENTS AFTER CARDIAC SURGERY / S. He* - J. Zhang - H. Ouyang

P17 EFFECT OF THE VENTILATOR-ASSOCIATED PNEUMONIA BUNDLE IN A MEDICAL INTENSIVE CARE UNIT / H.-R. Choi* - S. Y. Yoo - J. S. Jeong

P18 IS IT POSSIBLE TO DECREASE THE RATE OF VENTILATOR-ASSOCIATED PNEUMONIA WITH INFECTION CONTROL PREVENTION BUNDLE / M. Aydin* - F. Timurkaynak - H. Arslan


P162 MANAGEMENT OF INFECTIONS ASSOCIATED WITH NEUROCUTANEOUS CARE: A SIX-YEAR SURVEILLANCE REPORT / G. V. Danilov* - N. V. Kurdyumova - O. N. Ershova - M. A. Shifrin - I. A. Savin

P163 RESULTS OF A MULTIRESISTANT ORGANISM (MRO) REDUCTION INITIATIVE IN CRITICAL CARE MEDICINE (CCM) / R. P. Stevens* - J. Philp - S. Kelly - B. Krstevska


P165 AN ORIGINAL APPROACH OF RISK MANAGEMENT TO IMPROVE QUALITY AND SAFETY OF CARE IN ASSISTED SELF-CARE DIALYSIS CENTRES IN A FRENCH REGION / F. Timurkaynak - A. Różańska - J. Wójkowska-Mach - A. Jarynowski - M. Bulanda - K. Kopeć-Godlewska

Clostridium difficile
Chairperson: Loreen Herwald (US)

P22 REDUCTION IN CLOSTRIDIUM DIFFICILE HOSPITAL SPREAD THROUGH CLEANING CONTROL AND HAND HYGIENE IMPROVEMENT / P. Grzesiowski* - D. Pawlik - M. Sekuna

P23 HOSPITAL WIDE REDUCTION OF CLOSTRIDIUM DIFFICILE AFTER A CLEANING INTERVENTION IN THREE WARDS / B. Lytsy*

P24 EFFECTIVENESS OF VARIOUS CLEANING AND DISINFECTANT PRODUCTS ON CLOSTRIDIUM DIFFICILE SPORES OF PCR RIBOTYPES 010, 014 AND 027 / N. Kenters* - E. Huijskens - S. De Wit - I. Sanders - J. Van Rosmalen - E. Kuijpers - A. Voss

P25 EFFECTS OF RHODOMYRTONE ON HYPERVIRULENT CLOSTRIDIUM DIFFICILE STRAIN / S. Srisuwan* - K. E. Mackin - D. Hocking - D. Lytras - R. M. Robins-Brown - S. P. Voravuthikunchai


P31 ENHANCED SURVEILLANCE OF CLOSTRIDIUM DIFFICILE INFECTION: A REASSESSMENT OF 2015-2016 REPORTING IN GREATER GLASGOW & CLYDE, SCOTLAND / L. Cottom* - T. Inkster

P30 HEALTHCARE RESOURCE USE AND DIRECT COSTS OF RECURRENT CLOSTRIDIUM DIFFICILE INFECTION IN HOSPITALISED PATIENTS / S. Goldenberg* - R. Batra

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P33 FACTORS ASSOCIATED WITH INCREASED RISK OF ADVERSE OUTCOMES IN PATIENTS WITH TOXIGENIC CLOSTRIDIUM DIFFICILE INFECTION: PRELIMINARY DATA FROM THE HUNGARIAN NATIONAL NOSOCOMIAL SURVEILLANCE SYSTEM / A. Hajdu* - J. Pászti - Z. Barna - É. Popovics - V. Lesinszki - A. Kurcz

P35 CONTROL OF A ROTAVIRUS GASTROENTERITIS OUTBREAK IN THREE PSYCHOGERIATRIC UNITS / M. Gyger Wanzenried* - C. Petignat - I. Nahimana Tessemo

Influenza
Chairperson: Charles Huskins (US)


P37 HEALTHCARE WORKERS’ PERCEPTION TOWARDS THE SYSTEMATIC USE OF MASK DURING A SEASONAL INFLUENZA OUTBREAK IN A FRENCH UNIVERSITY HOSPITAL: A DESCRIPTIVE STUDY / M. Beuvelet - C. Masson - D. Gantz - S. Levet - B. Allenet - M. R. Mallaret - C. Landelle*


P39 LEADERSHIP COMMITMENT - A CORE STRATEGY TO IMPROVE INFLUENZA VACCINATION COVERAGE AMONG HEALTHCARE WORKERS / M. E. Gjerde* - K. S. Kilhus


P42 INFLUENZA PREVENTIVE MEASURES: CAMPAIGNS TO PROMOTE VACCINATION AND SURGICAL MASK AMONG HEALTH-CARE WORKERS / L. Hoisnard* - E. Seringe - K. Lebascle - P. Astagneau

Carbapenemase Producing Enterobacteriaceae (CPE)
Chairperson: Matthias Maiwald (SG)


P51 «SCREEN, ISOLATE AND REPORT» STRATEGY TO CONTROL CARBAPENEM-RESISTANT ENTEROBACTERIACEAE HOSPITAL TRANSMISSION AT REGIONAL LEVEL IN POLAND / P. Grzesiowski* - M. Pawlak - A. Tymoczko

P52 EVALUATION OF IN VITRO SUSCEPTIBILITY OF MINOCYCLINE FOR CARBAPENEM RESISTANT ENTEROBACTERIACEAE (CRE) / A. R. Warrier* - R. Babu


P58 CLINICAL OUTCOME OF PAN-DRUG RESISTANT KLEBSIELLA PNEUMONIAE (PDRKP) BLOODSTREAM INFECTIONS - A SINGLE CENTER STUDY IN INDIA / A. Kaur* - S. Gandra - S. Sengupta - Y. Mehta

P59 PREDICTING CARBAPENEM RESISTANCE USING WHOLE GENOME SEQUENCING / I. A. Tickler* - S. B. Dewell - J. Kop - F. C. Tenover


Hand hygiene around the globe
Chairperson: Andreas Widmer (CH)


P87 HAND HYGIENE SELF-ASSESSMENT FRAMEWORK (HHSAF) SURVEY OF 23 HOSPITALS IN SARAWAK, MALAYSIA / I. Jeong* - E.-G. Kim

P89 THE DEVELOPMENT AND EFFECT OF THE EDUCATION PROGRAM ON HAND HYGIENE AND USE OF PERSONAL PROTECTIVE EQUIPMENT / I. Jeong* - E.-G. Kim

P92 EFFECTIVENESS OF REGULAR FEEDBACK IN IMPROVING HAND HYGIENE COMPLIANCE AMONG DOCTORS AND NURSES IN A TERTIARY CARE HOSPITAL IN INDIA / K. Raghuvanshi* - S. Sarma - S. Sengupta - Y. Mehta - P. Sahni


P103 THE HAND HYGIENE JOURNEY OF A SMALL PAEDIATRIC HOSPITAL TO PREVENT HOSPITAL ACQUIRED INFECTIONS IN PALESTINE / R. Handal* - S. L. Corradin - H. Marzouqa - M. Hindyeh

P106 STANDARDIZED HANDWASHING EDUCATION IN KINDERGARTEN - THIS SINGLE STEP ON THE WAY TO BETTER INFECTION CONTROL COULD BE SIGNIFICANT IN SWITZERLAND / P. Pfister*
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Behavioural science
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P112 IMPROVEMENT OF BEHAVIOURS AND PRACTICES FOR INFECTION CONTROL IN WEST AFRICA: OBSERVATION OF EARLY TRENDS ON THE SUCCESS FACTORS / B. N'doye*

P113 QUALITATIVE ANALYSIS OF PERCEPTIONS, ATTITUDE AND BEHAVIOIRS OF HEALTHCARE WORKERS AND RESEARCHERS REGARDING AN AUTOMATED HAND HYGIENE MONITORING TECHNOLOGY / C. Tarantini*

P114 THE BEHAVIOUR OF HEALTHCARE WORKERS ON INFECTION PREVENTION AND CONTROL PRACTICES AND ITS IMPACT ON NOSOMIAL INFECTIONS / A. Choictcha*


P120 WHAT DO THEY KNOW AND WHAT DO THEY DO? A CROSS-SECTIONAL MIXED-METHODS STUDY OF NURSING PERSPECTIVES ON INDIVIDUAL AND ORGANIZATIONAL INFLUENCES ON INFECTION PREVENTION IN NURSING HOMES / J. Hammerschmidt* - T. Manser

P122 THE IMPACT OF SURVEILLANCE CAMERAS IN IMPROVING INFECTION CONTROL PRACTICES AND OUTCOMES IN AN ADULT MEDICAL-SURGICAL ICU IN A LEBSANESE TERTIARY CARE CENTER / N. K. Zahreddine* - J. Tannous - R. Ahmadieh - Z. Kanafani - S. Karij Sharara

P124 REVIEW OF VIDEO-REFLEXIVE ETHNOGRAPHY IN HEALTHCARE / S. Passerini* - T. Manser - H. Sax - L. Clack

Surveillance of healthcare-associated infections and national and sub-national infection prevention and control (IPC) programme
Chairperson: Sonja Hansen (DE)
P135 HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS IN FINLAND - ADJUSTED RANKING OF HOSPITALS BY STAPHYLOCOCCUS AUREUS RATES AND EFFECT OF INFECTION CONTROL RESOURCES AND PRACTICES ON RANKINGS / E. Sarvikivi* - J. Olligren - T. Kärki - O. Lytytäinen

P137 A COMPREHENSIVE INVENTORY OF INFECTIOUS RISK MOMENTS DURING ACUTE CARE / L. Clack* - S. Passerini - T. Manser - H. Sax


P166 IMPROVING EVIDENCE FOR INFECTION PREVENTION POLICY AND PRACTICE - THE ROLE OF CAPACITY BUILDING IN HEALTH SERVICES RESEARCH / L. Hall* - E. Bailey - N. Graves

P167 EASE OF IMPLEMENTATION ASSESSMENT OF INFECTION PREVENTION AND CONTROL CORE COMPONENTS IN LOW-RESOURCE SETTINGS / S. Tomczyk* - W. Zingg - J. Storr - C. Kilpatrick - B. Allegranzi

P171 PERFORMANCE OF INFECTION PREVENTION AND CONTROL programmes in MANAUS CITY, AMAZONAS STATE, BRAZIL / R. A. L. Baroni* - H. M. Oliveira

National and sub-national infection prevention and control (IPC) programmes in low-middle-income countries
Chairperson: Amy Kolvaite

P168 IMPLEMENTATION OF INFECTION PREVENTION AND CONTROL (IPC) IN LOW-RESOURCE SETTINGS: A QUALITATIVE ANALYSIS / S. Tomczyk* - J. Storr - C. Kilpatrick - B. Allegranzi


P172 IMPLEMENTATION OF AN INFECTION PREVENTION AND CONTROL (IPC) PROGRAMME IN A RURAL PROVINCE IN ZIMBABWE: THE SUCCESSES AND CHALLENGES / A. S. Munongazvombi* - W. Moyo - E. Chatezvi - P. Munyoma


P174 ACCELERATING IMPLEMENTATION OF THE IPC POLICY IN KENYA / R. Kamau*

P175 USING DATA TO ENHANCE IMPLEMENTATION IN A LOW RESOURCE SETTING - LIBERIA EXPERIENCE / C. T. Cooper*

P176 PROBLEM OF PREVENTION OF HEALTHCARE-ASSOCIATED INFECTIONS (HAI) IN RUSSIA. SYSTEM OF STATE SUPPORT FOR ITS STUDY AND SOLUTION / A. Popova - E. Yezhlova - E. Igonina - V. Akimkin* - N. Shestopalov


P179 STRENGTHENING NATIONAL IPC PROGRAMS: AN URGENT NEED FOR CENTRAL AFRICAN COUNTRIES / P. C. Kariyo*
Surgical site infection: risk factors and methodology

P1 EFFECT OF PARTICIPATING IN A SURGICAL SITE INFECTION SURVEILLANCE (SSI) NETWORK ON THE TIME-TREND OF SSI RATES: A SYSTEMATIC REVIEW / E. Tartar* - M. Abbas - B. Allegrenzi - D. Pittet - S. Harbarth


P5 PREDICTORS OF SURGICAL SITE INFECTION IN LIVER TRANSPLANT RECIPIENTS: HISTORICAL COHORT / R. A. Oliveira* - V. B. Poveda


P8 MICRO-DTTEECT SYSTEM ON THE IDENTIFICATION OF PATHOGENS RESPONSIBLE FOR SURGICAL SITE INFECTIONS (SSI) IN ORTHOPAEDICS / A. Piscitelli - P. Navone*


P10 POST-DISCHARGE SURVEILLANCE: AN INTEGRATIVE REVIEW / V. H. A. Binotto - G. M. G. B. D. S. Guatura - V. D. B. Poveda*


Device-associated infections: ventilator-associated pneumonia (VAP)

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P17 EFFECT OF THE VENTILATOR-ASSOCIATED PNEUMONIA BUNDLE IN A MEDICAL INTENSIVE CARE UNIT / H. R. Choi* - S. Y. Yoo

P18 IS IT POSSIBLE TO DECREASE THE RATE OF VENTILATOR-ASSOCIATED PNEUMONIA WITH INFECTION CONTROL PREVENTION BUNDLE / M. Aydin* - F. Timurkaynak - H. Arslan

P19 VENTILATOR ASSOCIATED PNEUMONIA IN A MEDICAL INTENSIVE CARE UNIT; INCIDENCE AND RISK FACTORS A NESTED CASE CONTROL STUDY / M. Aydin* - F. Timurkaynak - H. Arslan


Clostridium difficile


P22 REDUCTION IN C. DIFFICILE HOSPITAL SPREAD THROUGH CLEANING CONTROL AND HAND HYGIENE IMPROVEMENT / P. Grzesiowski* - D. Pawlik - M. Seku na

P23 HOSPITAL WIDE REDUCTION OF CLOSTRIDIUM DIFFICILE AFTER A CLEANING INTERVENTION IN THREE WARDS / B. Lytsy*

P24 EFFECTIVENESS OF VARIOUS CLEANING AND DISINFECTANT PRODUCTS ON CLOSTRIDIUM DIFFICILE SPORES OF PCR RIBOTYPES 010, 014 AND 027 / N. Benters* - E. Huisjkers - S. De Wit - I. Sanders - J. Van Rosmalen - E. Kuijpers - A. Voss


P27 CORRELATION OF ANTIBIOTIC USAGE AND CLOSTRIDIUM DIFFICILE INFECTIONS IN A GERMAN UNIVERSITY HOSPITAL / M. Noonemann - A. Daniels-Haardt

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P37 HEALTHCARE WORKERS' PERCEPTION TOWARDS THE SYSTEMATIC USE OF MASK DURING A SEASONAL INFLUENZA OUTBREAK IN A FRENCH UNIVERSITY HOSPITAL: A DESCRIPTIVE STUDY / M. Beuvelet - C. Masson - D. Gantz - S. Levett - B. Allomet - M. R. Mallaret - C. Landelle*


P39 LEADERSHIP COMMITMENT: A CORE STRATEGY TO IMPROVE INFLUENZA VACCINATION COVERAGE AMONG HEALTHCARE WORKERS / M. E. Gjerde* - K. S. Kilhus

P40 COMPARISON BETWEEN ROUTINE AND MODIFIED SCALES IN PREDICTING INFLUENZA A (H1N1) PNEUMONIA'S MORTALITY / A. Ahrstrom

Carbapenemase producing enterobacteriaceae (CPE)


P50 KLEBSIELLA PNEUMONIAE CARBAPENEMASE (KPC)-3 OUTBREAK: EFFECTING CHANGE IN INFECTION PREVENTION AND CONTROL IN A LIMITED RESOURCE SETTING IN BARBADOS / C. A. Forde* - B Stierman - N. Singh - Y. Martindale - K. Gustave - M. Burton

P51 «SCREEN, ISOLATE AND REPORT» STRATEGY TO CONTROL CARBAPENEM RESISTANT ENTEROBACTERIACEAE HOSPITAL TRANSMISSION AT REGIONAL LEVEL IN POLAND / P. Grzesiowski* - M. Pawlak - A. Tymoczko

P52 EVALUATION OF IN VITRO SUSCEPTIBILITY OF MINOCYCLINE FOR CARBAPENEM RESISTANT ENTEROBACTERIACEAE (CRE) / A. R. Warrier* - R. Babu

P53 IDENTIFICATION & SENSITIVITY PATTERN OF BACTERIAL ISOLATES FROM LOW RESOURCE SETTING ICU, RAJSHAHI MEDICAL COLLEGE HOSPITAL, BANGLADESH / D. A. H. M. Kamal*


P55 PLASMID CONTROL OF CARBAPENEM RESISTANCE IN PANDRUG RESISTANT KLEBSIELLA PNEUMONIAE STRAINS IN INTENSIVE CARE UNITS OF MANSOURA UNIVERSITY HOSPITALS / A. M. Mostafa* - W. M. Eldars - M. K. Elbardawy - M. A. Abou Elela


Surveillance of multidrug-resistant Gram-negative bacteria

P61 THE ECONOMIC BURDEN OF KEY GRAM NEGATIVE BACTERIA IN AUSTRALIAN HOSPITALS / T. M. Wozniak* - N. Graves - K. Halton


P64 STUDY OF HOSPITAL MICRONAL STRAINS RESISTANCE TO DISINFECTING AGENTS AS A FACTOR FOR COMBATING HEALTHCARE-ASSOCIATED INFECTIONS / N. Shestopalov - V. Akimkin* - L. Fedorova - A. Serov

P65 TRANSFERABLE RESISTANCE IN GRAM-NEGATIVE BACTERIA ISOLATED FROM HOSPITAL ENVIRONMENT IN SLOVAKIA / L. Michalikova - J. Brnova* - S. Hnilcova - A. Streharova - A. Liskova - V. Krcmery


Outpatient antibiotic use and antibiotic stewardship

P71 PUBLIC ENGAGEMENT IN PROMOTING ANTIBIOTIC AWARENESS IN HONG KONG / S. Y. J. Leung* - A. W. Wong - A. T. Wong

P72 USING A THEORETICAL MODEL TO EXPLORE NURSE INDEPENDENT PRESCRIBERS' ANTIBIOTIC PRESCRIBING BEHAVIOUR / V. Ness - L. Price - K. Currie - J. Reilly*


P75 KNOWLEDGE OF ANTIBIOTIC RESISTANCE AND PROPER ANTIBIOTIC USE AMONG PATIENTS ATTENDING A PRIVATE HOSPITAL IN ZARIA, NORTH-WESTern NIGERIA / L. Amadu* - O. A. Abdulhakim - A. A. Abubakar - M. B. Sufiyan - B. B. Lawal - S. S. Yahaya - M. S. Balogun - S. Z. Bayero - B. P. Zakariyya

P76 AMPCLOX: ANTIBIOTIC OR ANALGESIC? SELF-REPORTED USE OF AMPCLOX AMONG FARMERS AND LABOURERS IN RURAL COMMUNITIES IN THE NIGERIAN STATE OF KANO / I. Yusuf* - A. Gladamosi - M. Haruna - S. Yahaya

P77 KNOWLEDGE OF ANTIBIOTIC RESISTANCE AND APPROPRIATE USE OF ANTIBIOTICS IN CHILDREN AMONG CAREGIVERS IN SEMI-URBAN COMMUNITY OF KADUNA STATE NORTHWEST NIGERIA / M. B. Sufiyan* - D. A. John - S. Mohammed

P78 EVALUATING THE UTILITY OF ICD-10 CODES FOR OUTPATIENT ANTIMICROBIAL STEWARDSHIP / D. J. Livorsi* - C. Linn - B. Alexander - T. Tubbs - E. Perenezech


P80 VIEWS AND EXPERIENCES OF CURRENTLY OR RECENTLY HOSPITALIZED PATIENTS IN FOUR EUROPEAN COUNTRIES WITH REGARD TO BARRIERS AND FACILITATORS TO RESPONSIBLE ANTIBIOTIC USE: A QUALITATIVE DESCRIPTIVE STUDY / B. Huttner* - V. Zanichelli - C. Plüss-Suard* - A. Kronenberg - G. Zanetti on behalf of and the Swiss Centre for Antibiotic Resistance (anresis.ch)

Hand hygiene around the globe


P83 PROMOTION OF HAND HYGIENE: THE EXPERIENCE OF ASST GAETANO PINI-CTO / A. Piscitelli - P. Navone*


P85 EVALUATION OF COMPLIANCE WITH ‘BARE BELOW THE ELBOWS’ POLICY ON THE CORRECTNESS OF HAND HYGIENE IN MEDICAL STAFF OF POLISH HEALTHCARE FACILITIES / E. Szumska* - D. Rozkiewicz - E. Oldak - M. Zablocki


Behavioural science

P110 MULTIDRUG RESISTANT ORGANISM SURVEILLANCE PROJECT: ASSESSING PATIENTS AND HEALTHCARE PROVIDERS ATTITUDES, KNOWLEDGE AND BELIEFS REGARDING MULTIDRUG RESISTANT ORGANISM INFECTION, SURVEILLANCE AND INFECTION CONTROL PRACTICES AT CHU KIGALI / O. M. Manzi*


P112 IMPROVEMENT OF BEHAVIORS AND PRACTICES FOR INFECTION CONTROL IN WEST AFRICA: OBSERVATION OF EARLY TRENDS ON THE SUCCESS FACTORS / B. Ndoye*

P113 QUALITATIVE ANALYSIS OF PERCEPTIONS, ATTITUDE AND BEHAVIORS OF HEALTHCARE WORKERS AND RESEARCHERS REGARDING AN AUTOMATED HAND HYGIENE MONITORING TECHNOLOGY / C. Tarantini

P114 THE BEHAVIOUR OF HEALTH CARE WORKERS ON INFECTION PREVENTION AND CONTROL PRACTICES AND ITS IMPACT ON NOSOMIAL INFECTIONS / A. Chiotcha*


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<td>P153</td>
<td>EVALUATION OF MEASLES CASE-BASED SURVEILLANCE SYSTEM IN EDO STATE, NIGERIA, JANUARY TO DECEMBER, 2016 / I. A. Seriki*</td>
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<td>P155</td>
<td>USE OF EPIDATA®ANALYSIS FOR POINT-PREVALENCE SURVEILLANCE DATA - FOR HEALTHCARE-ASSOCIATED INFECTIONS / E. Brustad*</td>
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### Critical care and dialysis

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<tr>
<td>P157</td>
<td>NEXT-GENERATION SEQUENCING FOLLOWED TO HEALTHCARE-ASSOCIATED INFECTION DIAGNOSIS / N. D. C. Rodrigues* - N. V. S. Stefanutto - M. T. Lazzerini - J. C. Bonjorno Junior - E. Matheucci Júnior</td>
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<td>P158</td>
<td>SIX YEAR SURVEILLANCE STUDY OF DEVICE-ASSOCIATED INFECTIONS FROM A PAEDIATRIC HOSPITAL IN SOUTH INDIA / S. Dorairajan* - K. Velupandi - N. Bansal - R. Gopalkrishnan</td>
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<td>P159</td>
<td>BASELINE STRUCTURE ASSESSMENT AND ESTIMATION OF DEVICE RELATED INFECTIONS IN INTENSIVE CARE UNIT AT A TEACHING HOSPITAL, SUDAN / H. M. Azraq*</td>
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<td>MANAGEMENT OF INFECTIONS ASSOCIATED WITH NECROCRITICAL CARE: A SIX-YEAR SURVEILLANCE REPORT / G. V. Danilov* - N. V. Kurydyumova - O. N. Ershova - M. A. Shifrin - I. A. Savin</td>
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<td>P163</td>
<td>RESULTS OF A MULTIRESISTANT ORGANISM (MRO) REDUCTION INITIATIVE IN CRITICAL CARE MEDICINE (CCM) / R. P. Stevens* - J. Philp - S. Kelly - B. Krstevska</td>
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<td>P165</td>
<td>AN ORIGINAL APPROACH TO RISK MANAGEMENT TO IMPROVE QUALITY AND SAFETY OF CARE IN ASSISTED SELF-CARE DIALYSIS CENTRES IN A FRENCH REGION / A. Gaudichon* - E. Seringe - L. Hoisnard - C. Daniel - E. Yamani - P. Astagneau</td>
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### National and sub-national infection prevention and control (IPC) programmes

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<td>IMPROVING EVIDENCE FOR INFECTION PREVENTION POLICY AND PRACTICE - THE ROLE OF CAPACITY BUILDING IN HEALTH SERVICES RESEARCH / L. Hall* - E. Bailey - N. Graves</td>
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<td>EASE OF IMPLEMENTATION ASSESSMENT OF INFECTION PREVENTION AND CONTROL CORE COMPONENTS IN LOW-RESOURCE SETTINGS / S. Tomczyk* - W. Zingg - J. Storr - C. Kilpatrick - B. Allegrenzi</td>
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<td>IMPLEMENTATION OF INFECTION PREVENTION AND CONTROL (IPC) IN LOW-RESOURCE SETTINGS: A QUALITATIVE ANALYSIS / S. Tomczyk* - J. Storr - C. Kilpatrick - B. Allegrenzi</td>
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<td>PERFORMANCE OF PROGRAMS FOR PREVENTION OF HEALTHCARE-ASSOCIATED INFECTION IN SMALL HOSPITALS: A REGIONAL STUDY IN SÃO PAULO, BRAZIL / R. A. L. Baroni* - P. L. C. Santos - M. C. Padoveze</td>
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<td>PERFORMANCE OF INFECTIONS RELATING THE MEDICAL CARE PREVENTION AND CONTROL PROGRAM, IN MANAUS CITY, AMAZONAS STATE, BRAZIL / R. A. L. Baroni* - H. M. Oliveira</td>
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<td>P175</td>
<td>STRENGTHENING NATIONAL IPC PROGRAMS: AN URGENT NEED FOR CENTRAL AFRICAN COUNTRIES / P. C. Kariyo*</td>
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www.icpic2017.com
Water sanitation and quality

P180 WATER, SANITATION & HYGIENE TRAINING FOR CLINICIANS & CLEANERS IN CAMBODIAN HOSPITALS / L. Denny* - J. McGriff - K. Lim


P182 ARE HYDROTHERAPY POOLS A RISK TO ACQUIRE ANTIBIOTIC-RESISTANT BACTERIA? / C. Höller* - D. Köck - M. Köster - G. Valenza - S. Huber

P183 DECREASING THE RISK OF HEALTH-CARE ASSOCIATED LEGIONELLOSIS REQUIRES JOINT EFFORTS AND CLOSE COLLABORATION BETWEEN ALL RELEVANT FUNCTIONS IN A HOSPITAL / B. Lytsy*

P184 WATER SUPPLY IN A NEW BUILDING CONTAMINATED WITH LEGIONELLA PNEUMOPHILAE / L. P. Andersen* - M. Hoeg - J. Joensen

P185 THE IMPACT OF CHEMOTHERAPY AND COMMUNITY WATER SUPPLY ON SCHISTOSOMIASIS CONTROL IN A NIGERIAN VILLAGE / O. Oyeyemi* - D. Olowookere - C. Ezekiel - G. Oso - A. Odaibo

Disinfection of environment and devices

P186 INFLUENCE OF FORMULATION AND WIPE MATERIALS ON EFFICACY OF QUATERNARY AMMONIUM COMPOUNDS (QAC) - CONTAINING WET WIPE PRODUCTS / R. Matsumura* - J. Ochi - M. Yamamoto - Y. Hirata

P187 DISINFECTANT EFFICACY TESTING: HOW UPDATES TO CURRENT METHODOLOGY AND NEW METHODS DEVELOPMENTS IMPACT USE CONCENTRATIONS / J. Clarke* - A. Nightingale - L. Oakes

P188 BIOFILMS IN HEALTHCARE SETTINGS AND THE MRO TRANSMISSION RISK / G. S. Whiteley* - I. Gosbell - K. Vickery - S. Jensen - J. Knight on behalf of Surgical Infection Research Group, Australian School of Advanced Medicine, Macquarie University

P189 ANALYSIS OF COAGULASE-NEGATIVE STAPHYLOCOCCUS (CONS) STRAINS ISOLATED FROM THE TOUCH SURFACES IN POLISH HOSPITAL WARD FOR DRUG RESISTANCE AND POTENTIAL BIOFILM FORMATION / A. Chmielarczyk* - A. Różańska - D. Romaniszyn - M. Bulanda

P190 CHEMICAL FREE CLEANING IS SAFER FOR HEALTH / E. E. Gillespie*


P194 USING FLUORESCENT MARKER TO EVALUATE THE EFFECTIVENESS OF SURFACE CLEANING WORK IN PATIENT ROOM, PROCEDURE ROOM AND ICU ROOM AT HCMC UNIVERSITY MEDICAL CENTER / T. M. Huynh* - Nguyen Thi Hong Van - Nguyen Vu Hoang Yen - Trinh Thi Thoa - Pham Thi Lan - Ha Thi Nga Ca - Tran Tri Kien


Sterilization

P197 ESTABLISHMENT OF PENETRATION TIME ON MEDICAL DEVICE PRODUCT FAMILIES BASED ON ISO 17665-3 DURING PERFORMANCE QUALIFICATION OF STEAM STERILIZATION CYCLES / R. B. Castillo*

P198 EVALUATION OF A MIST ULTRAVIOLET DISINFECTION DEVICE FOR IMPACT ON BACTERIAL CONTAMINATION LEVELS OF LARYNGOSCOPE HANDLES / E. Elghouati* - L. Lorant

P199 IDENTIFICATION OF THE IMPACT OF MEDICAL DEVICE REPROCESSING PRACTICES IN THREE HOSPITALS IN COTONOU, BENIN / O. M. Fast*

P200 EFFECT OF SURFACTANT IN AN ALKALINE DETERGENT FOR STEADY CLEANING PERFORMANCE DURING MEDICAL DEVICE REPROCESSING IN WASHER DISINFECTORS / G. L. Quan* - Y. Oda - E. Kawamukai - Y. Hirata

P201 SURGICAL EQUIPMENT STERILIZATION PRACTICE AMONG HEALTH CARE WORKERS IN PRIVATE HOSPITALS IN ZARIA, NORTH WESTERN NIGERIA / L. Amadu* - A. A. Olorukooba - A. A. Abubakar - M. S. Balogun - S. Aliyu - S. S. Yahaya - M. B. Sufiyan - B. B. Lawal - I. David

P202 IMPROVED TECHNIQUE OF RAPID AND ACCURATE PERACETIC ACID TEST STRIPS WITH SHARP COLOR BY COMPRISING ADVANCED INDICATOR SOLUTION / M. A. Mali* - S. Sakai - E. Kawamukai - Y. Hirata

ICPIC Clip award

P203 BE A HERO AND DEFEND HEALTH! JOIN THE PREVENTIVE MEASURES FORCE: HAND HYGIENE, RESPIRATORY HYGIENE, AND COUGH ETIQUETTE / S.-H. Tseng*

P204 HANDS TO YOURSELF. JUST IMAGINE WHAT YOU DO TO YOUR PATIENTS / A. S. Bispo* - C. Palos - P. Pereira

P205 ANTIBIOTICS AWARENESS WEEK: RESERVE ANTIBIOTICS FOR A REAL BACTERIAL INFECTION / S.-C. Pan* - G.-J. Chen - K.-L. Tien - W.-H. Sheng - Y.-C. Chen - S.-C. Chang on behalf of Center for Infection Control, National Taiwan University Hospital

P206 HAND HYGIENE FLASH MOB IN NURSING HOME: WHEN THE RESIDENTS, THE ACTORS OF THEIR OWN HEALTH BECOME ACTORS AS WELL / O. Weinacht - E. Monnot - C. Savouret - C. Duvernay - S. Morizet - N. Floret*

P207 HAND HYGIENE PROMOTION WITH CELEBRITIES / B. Szél*

P208 HAND HYGIENE PAINTING FESTIVAL, MASHHAD-IRAN / M. H. Aelami* - A. Mohajeran - M. Khalesi

### Thursday 22 June 2017

#### Scientific Programme

**Thursday 22 June**

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<th>Session</th>
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<td><strong>08:00 - 08:50</strong></td>
<td><strong>MEET THE EXPERT SESSIONS</strong></td>
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<td></td>
<td>The bubble of life - hand hygiene saves lives!</td>
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<td>Speakers: Claire Kilpatrick (WHO), Julie Storr (WHO)</td>
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<tr>
<td></td>
<td>Central line-associated bloodstream infection (CLABSI) and vascular catheter infection prevention: hands-on</td>
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<td>Speakers: Philippe Eggimann (CH), Jean-François Timsit (FR)</td>
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<td>Building an effective infection control and prevention (ICP) programme in settings with limited resources: where to start and how to prioritize?</td>
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<td>Speakers: Catherine Cooper (LR), Nizam Damani (UK), Folasade Ogunsola (NG)</td>
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<td>How to link antibiotic stewardship and infection control in your hospital?</td>
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<td>Speakers: Enrique Castro-Sanchez (UK), Keith Kaye (US)</td>
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<td>Environmental control: addressing current challenges</td>
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<td>Speakers: Philip Carling (US), Markus Dettenkofer (DE)</td>
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<td>Update on prevention of Carbapenem-resistant Enterobacteriacea (CRE)</td>
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<td>Speakers: Yehuda Carmeli (IL), Stephan Harbarth (CH)</td>
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<tr>
<td><strong>09:00 - 10:30</strong></td>
<td><strong>GENERAL SESSION</strong></td>
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<td>New perspectives on surgical site infection (SSI) prevention</td>
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<td>Chairpersons: Benedetta Allegranzi (WHO), Joseph Solomkin (US)</td>
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<td>Worldwide burden of surgical site infection (SSI)</td>
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<td>Petra Gastmeier (DE)</td>
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<td>Surgical site infection (SSI) prevention in a global perspective: the new World Health Organization (WHO) recommendations</td>
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<td>Andreas Widmer (CH)</td>
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<td>Implementation of the new World Health Organization (WHO) recommendations for surgical site infection (SSI) prevention in low-resource settings</td>
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<td>Peter Nthumba (NG)</td>
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<td>Successful multi-professional strategies to change surgical staff behaviour towards surgical site infection (SSI) prevention</td>
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<td>Sean Berenholz (US)</td>
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<td>Discussion</td>
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<tr>
<td><strong>10:20</strong></td>
<td><strong>GENERAL SESSION</strong></td>
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<tr>
<td><strong>09:00 - 10:30</strong></td>
<td><strong>Point prevalence studies (PPS): back to the future?</strong></td>
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<td>Chairpersons: Denise Cardo (US), Dominique Monnet (ECDC)</td>
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<td>Back to the future: the revival of point prevalence studies (PPS) in infection prevention and control</td>
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<td>Walter Zingg (CH)</td>
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<td>How hospitals use national point prevalence studies (PPS)-data</td>
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<td>Jacqui Reilly (UK)</td>
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<td>Preliminary results of the United States point prevalence studies (PPS) 2016</td>
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<td></td>
<td>Denise Cardo (US)</td>
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</tbody>
</table>
The German point prevalence studies (PPS) 2016: a field report
Seven Aghdassi (DE)
Discussion

GENERAL SESSION

Large European clinical trials to control Gram-negative resistance
Chairpersons: John Jernigan (US), Matthew Samore (US)

To isolate or not to isolate extended spectrum beta-lactamases (ESBL) patients: results from the R-Gnosis WP5 trial
Friederike Maechler (DE)

To isolate or not to isolate extended spectrum beta-lactamases (ESBL) patients: results from the Dutch clinical trial
Marjolein Kluytmans-van den Bergh (NL)

Selective decontamination in European intensive care units: preliminary results from the R-GNOSIS study
Nierke Plantinga (NL)

INTEGRATED SYMPOSIUM

State-of-the-art hand hygiene
See details page 48

COFFEE BREAK AND VISIT OF THE EXHIBITION
10:30 - 11:00

Thursday 22 June

GENERAL SESSION

The new WHO CRE-CRAB-CRPsA Infection Control Guidelines - an important step at a critical time
Chairpersons: Benedetta Allegranzi (WHO), Yehuda Carmeli (IL)

Systematic reviews on the evidence base for Carbapenem-resistant Enterobacteriaceae (CRE) control
Sara Tomczyk (WHO)

New World Health Organization (WHO) guidelines on Carbapenem-resistant Enterobacteriaceae (CRE) control
Lindsay Grayson (AU)

DEBATE

“Real-time” whole genome sequencing to reduce the spread of resistant bacteria
Chairpersons: Emine Alp (TR), John Jernigan (US)

CONTRA: show me first better data
Marc Bonten (NL)

PRO: ready for use in real life
John Rossen (NL)

SLIDE SESSION

Models to better understand infection control measures
Chairpersons: Maaike van Mourik (NL), Ágnes Hajdu (HU)

Abstract N° O12
Recommended classification of Clostridium difficile infections overestimates the proportion acquired during current hospitalisation
A. Mcure (AU)
A. C. A. Clements, M. Kirk, K. Glass
Abstract N° O13
Infection control of vancomycin-resistant Enterococci (VRE) in hospitals: a modeling analysis of a French outbreak
R. Assab (FR)
R. Choukroun, D. Guillemot, L. Temime, F. Espinasse, B. Stéphane, L. Opatowski

Abstract N° O14
Integrated videography and environmental microbial sampling to model hand contamination: insights from Tanzania, Vietnam, and South Africa
T. R. Julian (CH)
H. Bischel, A. K. Pitol, T. Kohn, H. Hidenori

Thursday 22 June

SPECIAL SESSION

Hand Hygiene Excellence Award
Look back at the best institutions worldwide and presentations of the European awards

Chairpersons: Anne Simon (BE), Didier Pittet (CH)

Hand Hygiene Excellence Award 2012-2017 and beyond
Didier Pittet (CH)

Look back at the best institutions worldwide
Daniela Pires (CH)

Hand hygiene excellence: sharing of real life experiences from awardees
… from Europe
Emira Tartari (MT)

… from Latin-America
Marcela Hernandez (CR)

… from the Asia-Pacific region
Moi Lin Ling (SG)

Winners of the European Hand Hygiene Excellence Award

GENERAL SESSION

Challenges from Asia
Chairpersons: Wing-Hong Seto (HK), Paul Anantharajah Tambyah (SG)

Challenges in the assessment of skin antiseptics
Matthias Maiwald (SG)

Unexpected challenges from contaminated hospital linens in tropical setting: zygomycosis and Bacillus bacteremia
Vincent Cheng (HK)

Healthcare-associated outbreaks in the tropics - the same but different
Paul Anantharajah Tambyah (SG)

SLIDE SESSION

Device-related infections
Chairpersons: Jean-Jacques Parienti (FR), Debkishore Gupta (IN)

Abstract N° O15
Peripherally inserted central venous catheters-associated bloodstream infections: a systematic review and meta-analysis
J. Wang (CH)
M. G. Gasalla, W. Zingg

Abstract N° O16
Intervention strategy consisting of education, bundle checklist, and feedback was insufficient to reduce central line-associated bloodstream infection (CLABSI) rates in Korea: 2-year experience in 26 hospitals
P. G. Choe (KR)
Abstract N° O17
Nurse-driven protocol for urinary catheter removal: 3 questions for easy assessment
B. S. Ana (PT)
C. Palos

Abstract N° O18
Incidental unmasking of lapses in bronchoscope re-processing by tuberculosis
polymerase chain reaction (PCR) - in a tertiary care hospital in Kolkata, India
D. Gupta (IN)
A. K. Sarkar

Abstract N° O19
Impact of monitoring measures to prevent ventilator-associated pneumonia (VAP)
M. G. Menegueti (BR)

Abstract N° O20
Simplified selective digestive decontamination may reduce acquired Gram-negative
bacteremia in the intensive care unit (ICU)
Y. P. Bar-Lavie (IL)
A. Abu Ahmad

INTEGRATED SYMPOSIUM
Adressing recent challenges in infection control
Room 04
See details page 48

POSTER VIEWING, VISIT OF THE EXHIBITION AND LUNCH
13:00 - 14:30

Thursday 22 June
13:15 - 14:15
GUIDED POSTER TOURS
Guided poster tours on selected topics are taking place during lunch break.
Poster presenters will be available in front of their poster.
Refer to page 48 for detailed programme

Thursday 22 June
14:30 - 16:00
SHEA-ICPIC SYMPOSIUM
The challenge with infection control evidence
Chairpersons: Keith Kaye (US), Stephan Harbarth (CH)

The challenge of “low quality evidence” in infection control
Benedetta Allegranzi (CH)

Tools to appraise "low quality evidence"
Enrique Castro-Sanchez (UK)

Is something better than nothing? Gauging the level of evidence for implementation
Eli Perencevich (US)

Is conducting trials on extremely-drug resistant pathogens practical and worth the trouble?
Keith Kaye (US)

Discussion

LOW-MIDDLE INCOME COUNTRIES SESSION
Implementation of infection prevention and control (IPC)
core components in low-resource settings
Chairpersons: Benjamin Park (US), Walter Zingg (CH)

The new World Health Organization (WHO) core components for infection prevention
and control (IPC) programmes
Julie Storr (WHO)

Implementation in low-resource settings: the reality check and solutions from the field
An Caluwaerts (BE)
### The perspective of policy makers
Catherine Cooper (LB) 15:10

### Learning from the Ebola outbreak and making progress towards strong infection prevention and control (IPC) programmes in Africa
Amy Kolwaite (US) 15:30

### Discussion
15:50

#### GENERAL SESSION

**Cross-transmission revisited**  
**Room 03**

*Chairpersons: Loreen Herwaldt (US), Wing-Hong Seto (HK)*

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<th>Session</th>
<th>Time</th>
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<tbody>
<tr>
<td>How much is too much on your hands?</td>
<td>14:30</td>
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<tr>
<td>Daniela Pires (CH)</td>
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<tr>
<td>Does bathing prevent healthcare-associated infection?</td>
<td>14:50</td>
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<td>Moi Lin Ling (SG)</td>
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<td>To glove or not to glove?</td>
<td>15:10</td>
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<tr>
<td>Loreen Herwaldt (US)</td>
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<td>A walk around personal protective equipment (PPE)</td>
<td>15:30</td>
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<tr>
<td>Marie-Noëlle Chraiti (CH)</td>
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<tr>
<td>Discussion</td>
<td>15:50</td>
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#### INTEGRATED SYMPOSIUM

**In the focus of attention: growing microorganisms**  
**Room 04**  
See details page 48

COFFEE BREAK AND VISIT OF THE EXHIBITION 16:00 - 16:30

### Thursday 22 June 16:30 - 18:00

#### GENERAL SESSION

**A year in infection control**  
**Room 01**

*Speakers: Elaine Larson (US), Andreas Voss (NL)*

#### LMIC SESSION

**Infection control in special settings: less is more**  
**Room 02**

*Chairpersons: Loreen Herwaldt (US), John Conly (CA)*

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<tr>
<th>Session</th>
<th>Time</th>
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<tr>
<td>The ge(r)m-free anaesthesiologist? Infection prevention issues in general anesthesia</td>
<td>16:30</td>
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<tr>
<td>Sebastian Schulz-Stübner (DE)</td>
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<tr>
<td>Water-free intensive care unit (ICU)?</td>
<td>16:50</td>
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<tr>
<td>Joost Hopman (NL)</td>
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<td>Ventilation-free operating room?</td>
<td>17:10</td>
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<td>Peter Bischoff (DE)</td>
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<td>Two beds, one too many! The end of room sharing?</td>
<td>17:30</td>
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<tr>
<td>John Conly (CA)</td>
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<td>Discussion</td>
<td>17:50</td>
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#### SLIDE SESSION

**Hand hygiene**  
**Room 03**

*Chairpersons: John Boyce (US), Andrew Stewardson (AU)*

<table>
<thead>
<tr>
<th>Abstract N° O21</th>
<th>Time</th>
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<tbody>
<tr>
<td>«Money makes money»- effects in hand hygiene promotion: earlier adopter wards benefit stronger from tailored interventions than later adopters</td>
<td>16:30</td>
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<tr>
<td>T. von Lengerke (DE)</td>
<td></td>
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<tr>
<td>B. Lutze, C. Krauth, K. Lange, J. T. Stahmeyer, I. F. Chaberny</td>
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</table>
Abstract N° O22
Interaction design methodology as an innovative tool to enhance hand hygiene: the intersection of art and science
J. Conly (CA)

Abstract N° O23
A situation analysis of the World Health Organization multimodal hand hygiene strategy in African health care facilities
S. Mehtar (ZA)
A. Ndir, G. Belay, A. Bulabula, Y. Satate, A. Dramowski on behalf of Infection Control Africa Network (ICAN) hand hygiene working group

Abstract N° O24
Determinants of hand hygiene behavior in Australian emergency departments
A. J. Stewardson (AU)

Abstract N° O25
Characterizing hand hygiene opportunities in the emergency department
T. C. Moore (CA)
E. Xu, L. McCreight, G. Wilde-Friel, J. So, A. McGeer

Abstract N° O26
Alcohol-based hand rub and incidence of healthcare-associated infections in a rural regional referral and teaching hospital in Uganda
H. Saito (JP)
K. Inoue, J. Ditai, B. Wanume, J. Abeso, A. Weeks

Abstract N° O27
Hand hygiene with alcohol-based solutions: a note of caution for hand wiping versus hand rubbing
J. Ory (CH)
H. Soule, M. De Kraker, W. Zingg, D. Pittet

INTEGRATED SYMPOSIUM
The World Health Organization (WHO) Guidelines on surgical site infection (SSI) prevention - intra-operative recommendations

Refer to page 49 for detailed programme

Thursday 22 June 18:30 - 22:00
Latin-America night

All registered participants are cordially invited to continue the discussions inspired by posters and presentations during the day. The theme of the evening is Latin American culture. Network with colleagues from all around the world in a relaxed atmosphere. No matter your origin, please come dressed in a Latin American outfit, show your singer’s talent at karaoke and enjoy the sounds of Latin American music, Samba dancers and food! The best outfit and best karaoke performance will be awarded a prize. Get ready for this big memorable Latin-America night!”
Guided Poster Tours

Thursday 22 June 2017

**Catheter-associated bloodstream infections (BSI)**

Chairperson: Archie Dabar (AU)

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- **P215** JUST DO IT! INCIDENCE REGISTRATION OF CLABSI AND CAUTI MAY BE EASIER THAN YOU THINK / M. Walberg*
- **P216** IMPACT OF AUTOMATED SURVEILLANCE HAND HYGIENE AND PREVENTIVE INTERVENTIONS ON DEVICE-ASSOCIATED INFECTIONS AT A TERTIARY CARE INDIAN HOSPITAL / N. Rastogi* - P. Mathur - A. Karoung - J. Gunjiyal
- **P220** INFLUENCE OF COAGULASE NEGATIVE STAPHYLOCOCCI IN BLOOD CULTURE ON CATHETER-RELATED INFECTIONS DIAGNOSIS / J. Ory* - M. Vidal - N. Mrozek - O. Lesens - C. Aumeran
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**Methicillin-resistant Staphylococcus aureus (MRSA) and vancomycin-resistant Enterococci (VRE)**

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- **P250** KNOWLEDGE OF TRANSMISSION BASED PRECAUTIONS AMONG SOUTH INDIAN HEALTH CARE WORKERS- A REPORT / D. Sureshkumar - M. Holland* - I. Gupta - T. Stevenson - J. Baharani
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| P382 | THE EFFECT OF MULTIMODAL INTERVENTION FOR THE PREVENTION OF NEEDLESTICK INJURY ON THE IMPROVEMENT OF SAFETY BEHAVIORS AND INCIDENCE OF NEEDLESTICK INJURY AMONG NURSES / E. Lee* - H.-R. Choi - J. S. Jeong |
| P383 | PRACTICES OF INJECTIONS SAFETY: A CLINICAL AUDIT AT AL-SHIFAA HOSPITAL IN THE GAZA-STRIP / M. S. Elshami* - E. F. Alaloul - J. K. Hashem - B. Bottcher |
| P384 | FACTORS INFLUENCING TAKE-UP RATE OF INFLUENZA VACCINE AMONGST HEALTHCARE WORKERS IN A CANCER CENTRE IN SINGAPORE / M. Z. P. Han* - W. S. Ong - S. H. Wong |
| P385 | INFECTION CONTROL: HEALTH CARE WORKERS SCREENING AT SELECTED FACILITIES / F. M. Tjiuika* |
| P386 | COMPLIANCE WITH WHO TB LABORATORY BIOSAFETY MEASURES IN PUBLIC HEALTH LABORATORIES IN KISUMU COUNTY, KENYA, 2015 / B. K. Burmen* - T. Ololo |
| P388 | DEVELOPMENT OF AN EXPOSURE DECISION PATHWAY IN A SUBURBAN FIRE DEPARTMENT / C. McGuire-Wolfe - D. J. Haiduven* |
| P389 | THE ROLE OF AN INFECTION PREVENTIONIST IN A FIRE DEPARTMENT PROVIDING EMERGENCY MEDICAL SERVICES (EMS) RESPONSE / D. J. Haiduven* - C. McGuire-Wolfe |

### Coated surfaces

| P390 | NANOSHIELD SURFACE COATING PROTECTION COMBINATION WITH CLEANING PRODUCT CLEANER FOR REMOVAL BACTERIAL CONTAMINATION / L. Michalikova* - S. Hnilicova - J. Brnova |
| P391 | “A MULTI-LEVEL ANTIMICROBIAL COATING FOR PATIENT PRIVACY CURTAINS: IMPLICATION OF A NEW SYSTEM TO COMBAT HOSPITAL ACQUIRED INFECTIONS (HAIs)” / A. Farid* - K. L. Yeung |
| P392 | IMPACT OF THERMAL AND MECHANICAL TREATMENT SIMULATING LONG-TERM USE ON ANTIMICROBIAL EFFECTIVENESS OF SELECTED COPPER ALLOYS INTENDED FOR USE AS TOUCH SURFACES IN HEALTHCARE FACILITIES / A. Różariska* - A. Chmielarczyk - D. Romaniszyn - M. Bulanda - M. Walkowicz - P. Osuch - T. Knych |
P393 EFFECTS OF SURFACE STAIN AND WIPI NG USING DETERGENTS ON ANTIBACTERIAL ACTIVITIES OF COPPER / H. Kawakami* - P. Wang - Y. Sato - Y. Kikuchi


P395 EFFECTIVE ANTIMICROBIAL BANKNOTES FOR PREVENTING CROSS CONTAMINATION / H. Rosset* - N. Vast - J. Garnier - F. Renaud

Global health

P396 EFFECTIVENESS OF PUBLIC HEALTH EDUCATION BY LECTURE ON IMPROVING THE KNOWLEDGE, ATTITUDE AND PRACTICES ON LEPTOSPIROSIS AND ITS MANAGEMENT AMONG ADOLESCENTS IN A PUBLIC SCHOOL IN MANILA / J. A. D. Rubio* - C. T. Nunez - J. A. Wong

P397 DEVELOPMENT AND EFFECTIVENESS OF CLINICAL PATHWAY FOR EMERGING INFECTIOUS DISEASES / J. H. Lee* - E. Park - O. M. Kweon - D. Lee - E. J. Ha - N. S. Ku - J. Y. Choi

P398 EFFECTS OF LOCAL CLIMATE VARIABLES ON THE DENGUE MORBIDITY IN DAVAO REGION, PHILIPPINES / J. Iguchi* - X. Seposo - Y. Honda


P401 THE ROLES OF PERIPLANETA AMERICANA COCKROACHES IN DISSEMINATION AND GENETIC ALTERATION OF ORAL POLIO VACCINE (OPV) VIRUS IN NIGERIA / O. M. Olajide* - O. O. Agbede - A. Nyamngee - B. S. Oderinde


P403 GLOBAL SURVEY ON THE HANDLING OF HUMAN WASTE AND BEDPAN MANAGEMENT / G. V. Knippenberg-Gordebeke* - T. T. Lieske - P. Brenner - J. Gauthier

Environment control and cleansing

P404 EFFECTIVENESS OF ISOPROPYL ALCOHOL AND ULTRAVIOLET BASED SANITIZER ON DECONTAMINATION OF MOBILE PHONES USED BY DENTAL PERSONNEL / S. Sriram* - P. D. Madan kumar

P405 MOBILE PHONES: A BOON OR BANE IN THE HOSPITAL SETTING? / J. M. Maragia*


P408 USING A MULTIDISCIPLINARY APPROACH IN INFECTION PREVENTION AND CONTROL TO PROVIDE SAFE PATIENT’S CARE / Y. Leharova* - R. Rodrigues - V. Cass - C. Frenette

P409 THE ROLE OF CLEAN AND SAFE HEALTH FACILITIES(CASH) INITIATIVE IN INFECTION PREVENTION AND CONTROL PRACTICES IN SELECTED HEALTH FACILITIES, ETHIOPIA / M. G. Fisehatsion

P410 USING EDUCATION TO IMPROVE THE KNOWLEDGE AND BELIEFS OF ENVIRONMENTAL SERVICE WORKERS / M. W. Chen* - I.-C. Hung

P411 INVESTIGATIONS ON THE INFLUENCE OF ARCHITECTURE AND DESIGN ON THE OCCURRENCE OF NOSOCOMIAL INFECTIONS AND MULTIRESISTANT PATHOGENS / W. Sunder* - J. Holzhausen - H. Budelmann

P412 PREVENTION OF HEALTHCARE-ASSOCIATED INFECTIONS IN INTENSIVE CARE UNITS - POTENTIAL FOR IMPROVEMENT DUE TO CONSTRUCTION DESIGN AND OPERATIONAL ACTIONS / I. Dreßler* - J. Holzhausen - W. Sunder - H. Budelmann

## Scientific Programme

### Friday 23 June 2017

#### MEET THE EXPERT SESSIONS

**Hand hygiene hands-on: compliance monitoring and validation of the observers**  
Room 01  
Speakers: Daniela Pires (CH), Josiane Starjzel-Boissard (CH), Carolina Fankhauser (CH)

**The World Health Organization (WHO) core components for infection prevention and control: evidence-based approach, self-assessment implementation strategy**  
Room 02  
Speakers: Benedetta Allegranzi (WHO), Sonja Hansen (DE), Sara Tomczyk (WHO)

**The use of personality profiling to improve compliance in infection control activities**  
Room 03  
Speakers: Michael Borg (MT), Lindsay Grayson (AU)

**Do we need more trans-continental research in infection prevention and control (IPC) and antimicrobial resistance (AMR) control?**  
Room 16  
Speakers: Stephan Harbarth (CH), John Jernigan (US)

### Friday 23 June 09:00 - 10:30

#### DRIVE-AB SYMPOSIUM

**Responsible antibiotic use and new developments**  
Room 01  
Chairpersons: Inge Gyssens (NL), Matthew Samore (US)

- **What is the global burden of antimicrobial resistance (AMR)?**  
  Marlieke de Kraker (CH)  
  09:00

- **How to define and monitor responsible antibiotic use**  
  Inge Gyssens (NL)  
  09:20

- **Anything exciting in the antibiotic development pipeline?**  
  Ursula Theuretzbacher (AT)  
  09:40

- **New economic models for antibiotic development**  
  Chantal Morel (UK)  
  10:00

- **Discussion**  
  10:20

#### SLIDE SESSION

**Surveillance of healthcare-associated infections**  
Room 02  
Chairpersons: Loreen Herwaldt (US), Nicola Petrosillo (IT)

- **Abstract N° O28**  
  Burden of healthcare-associated infections in outpatient care - a systematic review  
  Q. Fu (CN)  
  D. Neves, W. Zingg  
  09:00

- **Abstract N° O29**  
  D. Hequet (CH)  
  C. Petignat  
  09:12

- **Abstract N° O30**  
  The national surveillance of healthcare-associated infections in the intensive care units of Taiwan, South Korea and Japan  
  C.-H. Chiang (TW)  
  S.-C. Pan, T.-S. Yang, K. Matsuda, Y.-C. Chen  
  09:24
Abstract N° O31
Comparison of CDC/NHSN surveillance definitions and ECDC criteria in diagnosis of healthcare associated infections in Serbian ICU patients
O. Djuric (SR)
L. Markovic-Denic, B. Jovanovic, M. Stopic, V. Bumbasirevic

Abstract N° O32
Linking structure & process indicators with intensive care unit-acquired infection surveillance
A. Savey (FR)
A. Lepape, A. Machut, J.-F. Timsit, J.-C. Lucet, F. L’Heriteau, M. Aupee, C. Bervas, S. Boussat, D. Lepelletier,
A. Berger-Carbonne on behalf of REA-RAISIN network

Abstract N° O33
Structure, process and outcome quality of surgical site infection surveillance in Switzerland
S. P. Kuster (CH)
M.-C. Eisenring, H. Sax, N. Troillet on behalf of Swissnoso

Abstract N° O34
An electronic surgical site infection surveillance based on the electronic self-reporting and additional targeted audit
D. Chung (KR)
C. Jongnim, S. Y. Cho, D. Kim

INTEGRATED SYMPOSIUM
Reducing catheter-related bloodstream infections (CRBSI) in line with guidelines: simple solutions for serious problems
Room 03
Refer to page 49 for detailed programme

COFFEE BREAK AND VISIT OF THE EXHIBITION
10:30 - 11:00

Friday 23 June
11:00 - 11:40
KEYNOTE LECTURE
Past, current, and future challenges at Centers for Disease Control and Prevention (CDC)
Room 01
Chairperson: Didier Pittet (CH)
Speaker: Denise Cardo (US)

SLIDE SESSION
Behaviour and harm
Room 03
Chairpersons: Michael Borg (MT), Hugo Sax (CH)

Abstract N° O35
Are contact precautions associated with physical adverse events?
A systematic literature review and meta-analysis
M. Schweizer (US)
R. Nair, D. Livorsi, M. Goto, E. Balkenende, N. Safdar, D. Morgan, E. Perencevich

Abstract N° O36
Cost-effectiveness of psychologically tailored hand hygiene interventions: results of the PSYGIENE-trial
T. von Lengerke (DE)
C. Krauth, J. T. Stahmeyer, B. Lutze, K. Lange, I. F. Chaberny

Friday 23 June
11:45 - 13:00
SPECIAL SESSION
Prix Hubert Tuor - ICPIC Innovation Academy: The Finals
Room 01
Chairpersons: John Conly (CA), Didier Pittet (CH)

With the kind support of Fondation Hubert Tuor
Presentation of the best 5 innovation academy projects selected by the international jury of experts
SLIDE SESSION

Epidemiology and control of multi-resistant bacteria
Chairpersons: Carmem Pessoa (WHO), Pascal Astagneau (FR)

Abstract N° O37 11:45
Attributable cost and length of stay of nosocomial multidrug resistant Gram-negative bacteria cultures
R. E. Nelson (US)
V. W. Stevens, M. Jones, K. Khader, M. Samore, M. L. Schweizer, E. N. Perencevich

Abstract N° O38 11:57
Surveillance of bloodstream infections due to extended-spectrum beta-lactamase-Enterobacteriaceae (ESBL), between 2012 and 2015 in France
I. Arnaud (FR)

Abstract N° O39 12:09
Impact of universal methicillin resistant Staphylococcus aureus (MRSA) admission screening on MRSA bacteraemia incidence at Mater Dei hospital, Malta
C. Farrugia (MT)
M. Borg, E. Scicluna

Abstract N° O40 12:21
Factors influencing the acceptability of screening for carbapenemase-producing Enterobacteriaceae; mixed method study of the general publics’ views
K. Currie (UK)
J. Reilly on behalf of AMR-BESH Study Group

Abstract N° O41 12:33
Multimodal strategy to reduce the incidence of carbapenem-resistant Klebsiella pneumoniae
W. Cornstein (AR)

Abstract N° O39 12:45
Prevalence of ST131 clone among ESBL-producing E. coli responsible for bloodstream infection (BSI) at Geneva university hospitals (HUG)
C. Fankhauser-Rodriguez (CH)
P. Francois, D. Baud, E. von Dach, J. Schrenzel, S. Harbarth

Abstract N° O42 12:57
Do probiotics reduce the duration of vancomycin-resistant Enterococci (VRE) carriage?
I. Kerner, S. Y. Ong, C. K. Eu, S. Y. Ng, T. Y. Tan

SLIDE SESSION

Surgical site infections
Chairpersons: Marin Schweizer (US), Anna Maruta (ZW)

Abstract N° O44 11:45
Structure and process indicators for the prevention of surgical site infections: results of a European pilot survey
T. Kärki (SE)
C. Suetens on behalf of HAI-Net SSI pilot survey group

Abstract N° O45 11:57
Semi-automated surveillance of deep surgical site infections after cardiothoracic surgery
M. E. Sips (NL)
M. J. Bonten, M. S. van Mourik

Abstract N° O46 12:09
Conducting surgical site infection surveillance following caesarean section in a low resource setting
A. Maruta (ZW)
S. Mehtar, V. Jean Robertson, T. Manase

Abstract N° O47 12:21
A systematic literature review of implementation approaches to reduce surgical site infections
S. Berenholtz (US)
P. Ariyo, B. Zayed, A. Latif, C. Kilpatrick, B. Allegranzi
Tuesday 20 to Friday 23 June 2017

ICPIC CLIP AWARDS

The ICPIC clips will be shown from Tuesday 20 June to Friday 23 June on a TV screen in the exhibition area.

Participants will be able to vote for their favorite clip online. The award winners will be announced in the closing & awards ceremony on Friday 23 June at 13:05 in Room 1.

ICPIC Clip awards

P203  BE A HERO AND DEFEND HEALTH! JOIN THE PREVENTIVE MEASURES FORCE: HAND HYGIENE, RESPIRATORY HYGIENE, AND COUGH ETIQUETTE / S.-H. Tseng*

P204  HANDS TO YOURSELF. JUST IMAGINE WHAT YOU DO TO YOUR PATIENTS / A. S. Bispo* - C. Palos - P. Pereira

P205  ANTIBIOTICS AWARENESS WEEK: RESERVE ANTIBIOTICS FOR A REAL BACTERIAL INFECTION / S.-C. Pan* - G.-J. Chen - K.-L. Tien - W.-H. Sheng - Y.-C. Chen - S.-C. Chang on behalf of Center for Infection Control, National Taiwan University Hospital

P206  HAND HYGIENE FLASH MOB IN NURSING HOME: WHEN THE RESIDENTS, THE ACTORS OF THEIR OWN HEALTH BECOME ACTORS AS WELL / O. Weinachter - E. Monnot - C. Savouret - C. Duvernay - S. Morizet - N. Floret*

P207  HAND HYGIENE PROMOTION WITH CELEBRITIES / B. Szél*

P208  HAND HYGIENE PAINTING FESTIVAL, MASHHAD-IRAN / M. H. Aelami* - A. Mohajeran - M. Khalesi


Friday 23 June 2017

Scientific Programme

Abstract No 048
A preliminary conceptual model on the relationship between two implementation approaches for surgical site infection prevention
C. Kilpatrick (WHO)
J. Storr, B. Zayed, B. Allegranzi

Abstract No 049
A bundled intervention to decrease risk of complex Staphylococcus aureus surgical site infections among patients undergoing clean operative procedures
M. L. Schweizer (US)

Friday 23 June 13:05 - 13:20

ICPIC CLOSING

Closing & award ceremony
Room 01
Chairpersons: Didier Pittet (CH), Andreas Voss (NL)
### Integrated Symposia Programme

**Wednesday 21 June 2017**

#### 09:00 - 10:30

**Current challenges in hand hygiene research and action**  
Room 04

*Organized by: Saraya*  
*Chairpersons: Dinah Gould (UK), Andreas Widmer (CH)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Hand hygiene clinical trials</td>
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<td>Liz Kingston (IE)</td>
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<td>09:20</td>
<td>Should <em>in-vitro</em> based efficacy testing influence clinical recommendations for hand antisepsis?</td>
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<td>Ojan Assadian (UK)</td>
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<td>09:40</td>
<td>Reconsidering hand hygiene observation methodology</td>
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<td>Dinah Gould (UK)</td>
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<td>10:00</td>
<td>Involving patients or parents in hand hygiene promotion</td>
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<td>Fernando Bellissimo (BR)</td>
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<td>10:20</td>
<td>Discussion</td>
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#### 11:45 - 13:00

**Training in infection prevention and control: future perspectives**  
Room 04

*Organized by: European Committee on Infection Control (EUCIC)*  
*Chairpersons: Evelina Tacconelli (DE), Silvio Brusaffero (IT)*

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>11:45</td>
<td>The EUCIC training programme</td>
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<td>Nico Mutters (DE)</td>
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<td>12:05</td>
<td>Future European Union perspectives</td>
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<td>Dominique Monnet (ECDC)</td>
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<td>12:25</td>
<td>Practical insight</td>
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<td>Enrique Castro-Sanchez (UK)</td>
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<td>12:45</td>
<td>Round table discussion</td>
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#### 14:30 - 16:00

**How to implement guidelines into clinical practice?**  
Room 04

*Organized by: Ecolab*  
*Chairpersons: Philip Carling (US)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>14:30</td>
<td>Let’s be clear: there’s a problem</td>
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<td></td>
<td>Evonne Curran (UK)</td>
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<td>14:50</td>
<td>How to implement guidelines?</td>
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<td>Markus Dettenkofer (DE)</td>
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<td>15:10</td>
<td>Dreaming of the ideal scenario for guidelines implementation</td>
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<td>Pawel Grzesiowski (PL)</td>
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<td>15:30</td>
<td>How to use the new model Centers for Disease Control and Prevention (CDC) Guidelines?</td>
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<td>Philip Carling (US)</td>
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</tbody>
</table>
### Thursday 22 June 2017

#### 09:00 - 10:30

**State-of-the-art hand hygiene**

**Room 04**

*Organized by: GOJO Industries, Inc.*

*Chairpersons: James Arbogast (US), Bill Jarvis (US)*

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<thead>
<tr>
<th>Session</th>
<th>Speaker</th>
<th>Time</th>
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<tbody>
<tr>
<td>Handrubbing revisited: volume, duration, sequence and technique</td>
<td>Fernando Bellissimo (BR)</td>
<td>09:00</td>
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<tr>
<td>What’s new in automated hand hygiene monitoring?</td>
<td>John Boyce (US)</td>
<td>09:20</td>
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<tr>
<td>Belgian national hand hygiene campaign (2004-2017): how to ensure sustainability over so many years</td>
<td>Anne Simon (BE)</td>
<td>09:40</td>
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<tr>
<td>The future hand hygiene research agenda</td>
<td>Bill Jarvis (US)</td>
<td>10:00</td>
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<tr>
<td>Discussion</td>
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<td>10:20</td>
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#### 11:45-13:00

**Addressing recent challenges in infection control**

**Room 04**

*Organized by: Swissnoso*

*Chairpersons: Charles Huskins (US), Andreas Widmer (CH)*

<table>
<thead>
<tr>
<th>Session</th>
<th>Speaker</th>
<th>Time</th>
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<tr>
<td><em>Burkholderia cepacia</em> outbreak linked to Sinaqua washing gloves</td>
<td>Jonas Marschall (CH)</td>
<td>11:45</td>
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<tr>
<td>Lessons learned from the global <em>M. chimaera</em> outbreak</td>
<td>Hugo Sax (CH)</td>
<td>12:10</td>
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<tr>
<td>Surgical antibiotic prophyaxis: analysis of 120’000 patients</td>
<td>Andreas Widmer (CH)</td>
<td>12:35</td>
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#### 14:30 - 16:00

**In the focus of attention: growing microorganisms**

**Room 04**

*Organized by: Dr Schumacher*

<table>
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<tr>
<th>Session</th>
<th>Speaker</th>
<th>Time</th>
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<tbody>
<tr>
<td>The future of surface disinfection - Importance, safety and compliance</td>
<td>Jens Schumacher (DE)</td>
<td>14:30</td>
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<tr>
<td>Development of a European method to prove the disinfectant wipe efficacy for virus removal from surfaces</td>
<td>Maren Eggers (DE)</td>
<td>15:00</td>
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<td>Validation of the reprocessing of ultrasonic probes using wipe disinfection including the aspect of biocompatibility</td>
<td>Edyta Stec (DE)</td>
<td>15:30</td>
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Thursday 22 June 2017

16:30 - 18:00

The World Health Organization (WHO) Guidelines on surgical site infection (SSI) prevention - intra-operative recommendations

Organized by: Johnson & Johnson
Chairpersons: David Leaper (UK), Mohamed Abbas (CH)

The burden of surgical site infection (SSI) and the World Health Organization (WHO) Guidelines - intraoperative considerations
Mohamed Abbas (CH)

Surgical site infection (SSI) care bundles - Clinical, practical and economic implications
David Leaper (UK)

Triclosan coated sutures: their use in colorectal surgery
Marja Boermeester (NL)

Guidance on layer closure with triclosan coated sutures
Joerg Schroeder (DE)

Discussion

Friday 23 June 2017

09:00 - 10:30

Reducing catheter-related bloodstream infections (CRBSI) in line with guidelines: simple solutions for serious problems

Organized by: 3M
Chairpersons: Matthias Trautman (DE)

Introduction
Matthias Trautman (DE)

Should guidelines integrate the use of chlorhexidine dressings to prevent catheter-related bloodstream infections (CRBSI)?
Annette Jeanes (UK)

Effectiveness of antiseptic caps: a systematic review and meta-analysis
Onno Helder (NL)

The new German guidelines: recommendations for intra and extraluminal prevention of catheter-related bloodstream infections (CRBSI)
Arne Simon (DE)

Sutureless fixation of central venous catheters (CVC): has the time come?
Olivier Mimoz (FR)

Discussion
Satellite Symposium Programme

Tuesday 20 June 2017

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:00</td>
<td>Surface disinfection: efficacy claims, test protocols and new challenges</td>
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<td>Jean Yves Maillard (UK)</td>
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<td>13:45</td>
<td>Our evolving understanding of pathogen dissemination and environmental</td>
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<td></td>
<td>hygiene in healthcare</td>
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<td>Peter Teska (US)</td>
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Infection prevention and the role of the environment

Organized by: Diversey Care

Chairpersons: Stephen Dalton (NL)

Tuesday 20 June 13:00-14:30

Room 03

Satellite Symposium Programme – Tuesday 20 June 2017

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ICPIC 2017 would like to express its gratitude to the following sponsors and private donators for offering travel fellowships and support grants to enable the attendance of young researchers and delegates from low-income countries to the conference.

**Travel Fellowships**

University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland

WHO Collaborating Centre on Patient Safety
Infection Control & Improving Practices

**Organizations**

- APIC – Association for Professionals in Infection Control & Epidemiology
- Infection Control Association of Singapore
- Infectious Diseases Research Fund, National University of Singapore
- WHO Collaborating Centre on Patient Safety

**Private donations**

- Anonymous
- Mohamed Abbas
- Yee-Chun Chen
- Philippe Eggimann
- Stephan Harbarth
- Didier Pittet
- Andreas Widmer
Thanks to their generous support, the following young researchers or delegates from lower income countries are able to attend ICPIC 2017:

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Alain Kokou Aissi (BJ)  
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Jothimani Hemalatha (IN)  
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Marco-Felip King (UK)  
Hyo-Jin Lee (KR)  
Yew Fong Lee (MY)  
Hao Lei (CN)  
Daniel Joseph Livorsi (US)  
Amilcar Joaquim Magaco (MZ)  
Mohamed Mahjoub (TU)  
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Onoja-Alexander Ojonema Mary (NG)  
Tatfumanei Mashe (ZW)  
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Koulibaly Moussa (GN)  
Admire Simbarashe Murongazvombo (ZW)  
Chioma Onyinye Nwuba (NG)  
Chinonyelum Onyinye Okolo (NG)  
Okikiola Morenike Olajide (NG)  
Ramon Antonio Oliveira (BR)  
Olukemi Titilope Olugbade (NG)  
Kenneth Ikenna Onyedibe (NG)  
Brenda Akinyi Otiemo (KE)  
Ardin Marius Ouayoue Noutong (CM)  
Oyetunde Oyeyemi (NG)  
Narayan Prasad Parajuli (NP)  
S Parimalakrishnan (IN)  
David Peres (PT)  
Zohra Rafique Rafique Iqbal (PK)  
Kanchan Raghuwanshi (IN)  
Nathalia de Campos Rodrigues (BR)  
Jenna Angela Dimaano Rubio (PH)  
Rushika Saksena (IN)  
Tharntip Sangsuwan (TH)  
Nathan Yakubu Shehu (NG)  
André Silva-Pinto (PT)  
Srikanthan Sriram (IN)  
Surthirat Srisuwang (TH)  
Rita Szabó (HU)  
Francina Marukuavi Tjiuika (NA)  
Semevo Romanic Toborne (IT)  
Laxmitiej Wundavalli (IN)  
Habib Yakubu (GH)  
Ibrahim Yusuf (NG)
“If at first, the idea is not absurd, then there is no hope for it. Innovation is not the product of logical thought, although the result is tied to logical structure.”
Albert Einstein, Physicist and Nobel Laureate, who spoke often of innovation and creativity

What is the “Innovation Academy”? 
The Innovation Academy is a unique opportunity to allow investigators and participants at ICPIC 2017 to participate in a forum which brings together thought leaders in the area of innovations in the practice of infection control and prevention of antimicrobial resistance. It is the first introduction of such an event to an Infection Prevention and Control Meeting and should be an exciting opportunity for all attendees. The Innovation Academy brings together experts from diverse fields that can interact during the planned symposium, the investigator presentations, a social event and a final presentation and awarding of three “Innovation Awards of Excellence” which will be judged by the Expert International Jury of the Academy. The Awards will consist of a certificate, a cash prize and an atrophy.

Why should there be an “Innovation Academy”? 
The word innovation has its roots in Latin, stemming from innovatus which means to renew or change and although innovation may be seen as a renewal process, it requires a new way of applying decisions or a new application of an existing discovery. It is an important concept in business, economics, engineering, technology and design and is becoming more important in the area of medicine as well. The objective of the Academy is to provide a collaborative interaction between infection control professionals and antimicrobial resistance experts, design experts, technology leaders and business entrepreneurs.

When will the Innovation Academy be held?

- **Prix Hubert Tuor - ICPIC Innovation Academy - Poster visit**
  Wednesday 21 June 13:14 - 14:15 (Poster Area)

- **Prix Hubert Tuor - ICPIC Innovation Academy - the Pitch**
  Wednesday 21 June 14:30 - 16:00 (Room 01)

- **Prix Hubert Tuor - ICPIC Innovation Academy - the Finals**
  Friday 23 June 11:45 - 12:45 (Room 01)

“Just as energy is the basis of life itself, and ideas the source of innovation, so is innovation the vital spark of all human change, improvement and progress”.
Theodore Levitt, Economist and author of “Globalization of Markets”

Semmelweis at ICPIC

The story of Ignaz Semmelweis’ struggle to introduce hand hygiene to the Vienna General Hospital holds a special place in the heart of many infection control professionals. His pioneering use of epidemiology, his determined pursuit of an infection prevention intervention and his vigorous championing of patient safety mean that - despite his faults - he remains an inspiration to those who follow.

Semmelweis Day - This session involves internationally renowned infection control experts presenting their own experiences and opinions regarding hand hygiene promotion. What are the key ingredients to a successful campaign? What does the future hold for hand hygiene? How to achieve excellence in hand hygiene at institutional level?
This year, the ICPIC Lounge will be dedicated to the exhibition of materials on the theme of Refugees & Migrants. Tuesday 20 June 2017 has been marked by UN Refugee Agency as the World Refugee Day. Follow the path of refugees and make sure to visit the ICPIC Lounge.

MOVIE PROJECTION
Movie: Clean Hands
Directors: Géraldine André and Stéphane Santini
Plot: This documentary is the result of an encounter. Neither with a man nor a cause, but with both inseparably linked. Hand hygiene in healthcare has been driving Prof. Didier Pittet for the last 20 years. A global burden killing 16 million per year throughout the world. Didier Pittet’s actions as well as the generalization of alcohol-based handrubs have cut by half the death toll directly due to nosocomial infections. From Vietnam to Liberia, from the UK to Guinea, Brazil or Saudi Arabia, Clean Hands will take you to the core of an amazing story. It all began at HUG twenty years ago, and has now conquered the world.

BOOK SIGNING
Book: Resistants
Author: Thierry Crouzet (FR)
Publisher: Bragelonne
Plot: The passengers of a yacht are suddenly stricken by a super-bacterium, resistant to antibiotics. Except Katelyn, a young medical student. Why is she the only survivor? Recruited by the Anti-Bioterrorism Center, she is assigned the mission of finding the disease’s carrier, even if it means becoming intimate with him. But the man she is hunting awakes contradictory feelings inside her. Perhaps he’s not killing blindly…

Book signing is taking place either at ICPIC Lounge or at POPS booth n°35 on Tuesday 20 June from 19:00, and Wednesday 21 June from 18:45.

Exhibition
During the 4th ICPIC Conference, an attractive exhibition is presented to all delegates. Catering will be served in the exhibition area.

EXHIBITION OPENING HOURS
Tuesday 20 June 18:30 - 20:00 Thursday 22 June 10:00 - 18:00
Wednesday 21 June 10:00 - 17:00 Friday 23 June 08:30 - 12:00

Layout of Exhibition Area

<table>
<thead>
<tr>
<th>Company Name</th>
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<td>Saraya Co. Ltd</td>
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<td>EpiGuard AS</td>
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<td>Steripower GmbH &amp; Co. KG</td>
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<td>European Tissue Symposium (ETS)</td>
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<td>Ultraviolet Devices, Inc.</td>
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<td>Gama Healthcare Ltd.</td>
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SARAYA
Japan’s Leading Hygiene Partner

Alsoft VB
Hygienic and Surgical Hand Disinfectant - FULL VIRUCIDAL

Developed by the Japanese leader in hand hygiene, Saraya Co., Ltd., Alsoft VB is a hygienic and surgical hand disinfectant that takes a unique combination of active ingredients with phosphoric acid to achieve excellent efficacy against a wide spectrum of microorganisms including non-enveloped viruses in a brief contact time while being gentle on the skin.

CEN standards:

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2-2-8 Yuzato, Higashisumiyoshi-ku, Osaka 546-0013 Japan
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