ICPIC 2019 would like to thank the University of Geneva Hospitals for their invaluable support.
Welcome Address

Welcome to Geneva!

We are celebrating the 10th year anniversary of ICPIC.

By now, ICPIC has become an established entity among the Infection Prevention and Control meetings arounds the world with an average of 1200 participants from 100+ countries over the previous four meetings.

The conference offers a unique international forum for participants to exchange knowledge and experience in the prevention of healthcare-associated infections and the control of antimicrobial resistance.

Some of the most pertinent topics to be addressed include: antimicrobial resistance, catheter-related bloodstream infection, quality of patient care, advanced methods in hospital epidemiology research and early results of major clinical trials in the field, improving prevention strategies using various implementation tools as well as social media, telemedicine, and simulation models. ICPIC 2019 will also address the issue of microbiome research and possible new visions and perspectives for infection prevention and control. Finally, a late-beaker session on the recent Ebola disease control issues in the Democratic Republic of Congo is also planned.

Pursuing its mission of improving patient safety everywhere and at all times, ICPIC brings the patient to the conversation table. ICPIC 2019 includes patients as speakers, moderators, and participants and the scientific programme addresses our mutual goals. Specific platforms and patient interviews will highlight their participation, and concurrent live-streaming will allow patients and others around the world to follow the presentations.

This year, we are again collaborating with a number of relevant international agencies and societies so that even more world experts and key opinion leaders can share their knowledge and expertise. 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), Swissnoso, and the World Health Organization (WHO).

ICPIC keynotes, symposia, debates, free-papers and meet-the-expert sessions will continue, as will the well-known ICPIC Innovation Academy and ICPIC Clip Award. We look forward to continuing the elements that led to the success of the first four ICPIC summits, expanding the possibilities for meaningful exchange with your peers, hope to surprise you with new features!

We wish you a successful conference!

Prof. Didier Pittet  
ICPIC Chair

Prof. Andreas Voss  
Co-chair

Prof. Stephan Harbarth  
Co-chair
Committees

ORGANISERS
Didier Pittet (CH)
Andreas Voss (NL)
Stephan Harbarth (CH)

LOCAL SUPPORT TEAM
The local support team is a multidisciplinary team from Geneva providing help across all aspects.

Mohamed Abbas
Esther Bettiol
Tcheun-How Borzykowski
Claude Ginet
Rosalie Kacou Adom
Romain Martischang

SCIENTIFIC ADVISORY BOARD
Members of the scientific advisory board are actively involved in suggesting sessions and, in part, helping to plan a coherent and innovative programme. All members are also taking part in the abstract review process.

Benedetta Allegranzi (WHO)
Gabriel Birgand (FR)
Philippe Eggimann (CH)
Petra Gastmeier (DE)
Lindsay Grayson (AU)
Stephan Harbarth (CH)
Loreen Herwaldt (US)
Moi Lin Ling (SG)
Eli Perencevich (US)
Didier Pittet (CH)
Evelina Tacconelli (DE)
Ermira Tartari (MT)
Sarah Tschudin Sutter (CH)
Maaike van Mourik (NL)
Andreas Voss (NL)
Walter Zingg (CH)

Abstract Reviewers
ICPIC wishes to express its thanks to the abstract reviewers for their work and collaboration.

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 2019 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. Use the hashtag #ICPIC2019 in your tweets.

Food & 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. Wireless internet access is available to all participants in the conference venue. Access details are provided together with the badge and here below:
Network: CICG
Username: HARTMANN
Password: visitbooth8

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 organisers 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 11 September  13:15 - 14:15  
Thursday 12 September  13:15 - 14:15  

Adhesive stickers and hanging materials are available at the registration area. Guided poster tours on selected topics are taking place during lunch break on Wednesday and Thursday.

For further information refer to page 19 and 37.

**SPEAKER PREVIEW ROOM**
The Speakers Preview Room is located behind Room 1 on level 1 and is open at the following hours:

Tuesday 10 September  11:00 - 20:00  
Wednesday 11 September  07:30 - 18:30  
Thursday 12 September  07:30 - 18:30  
Friday 13 September  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 10 September, 19:00 - 20:30, 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 11 September, 19:30 - 23:00
Upon invitation only.

**CIRCUS NIGHT**
Thursday 12 September, 18:00 - 21:00, 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 circus. Network with colleagues from all around the world in a relaxed atmosphere. No matter your origin, please come dressed in a circus outfit, show your singer’s talent at karaoke and enjoy being with friends! The best outfit and best karaoke performance will be awarded a prize. Get ready for this great memorable circus night!

**ICPIC 2019: Scientific Quiz**

**OBJECTIVE**
Be part of the second edition of the ICPIC scientific Quiz. This quiz offers a chance for participants to evaluate their general knowledge on the hottest IPC topics presented in this conference. Multiple choice questions have been prepared by the different speakers and only concern material presented in ICPIC.

**HOW TO PARTICIPATE**
Please find in your conference bag a flyer concerning the quiz. This flyer provides a link and a QR code to access the online survey.

**QUIZ PERIOD**
The quiz will be opened from Wednesday 11 September at 17:30 to Friday 13 September at 11:00.

**QUIZ AWARD**
Results from the quiz will be revealed during the closing ceremony, Friday 13 September from 13:00 to 13:30. You will get the chance to be in the top 5 awarded with the textbook “Hand Hygiene: a Handbook for Medical Professionals”.

**Patients-included**

We are committed to incorporating the experience of patients as experts in living with their condition while ensuring they are neither excluded nor exploited.

For the first time, ICPIC has been accredited as a “Patient-included” conference, complying with the Patients Included™ conference charter.

A number of sessions have been co-designed by and for patients to make ICPIC a center stage for patients and the public.

Meet up with patients for further discussion on Wednesday 11 September from 13:15 at the Patients Participation Platform.
# Programme Overview - Tuesday 10 September 2019

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### Session Track Captions

- **GENERAL SESSION**
- **INTEGRATED SYMPOSIUM**
- **SATELLITE SYMPOSIUM**
- **SPECIAL SESSION**
- **LMIC TRACK**
- **SLIDE SESSIONS**
- **MEET THE EXPERTS**
- **NETWORKING EVENTS**

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Please note that the sessions marked with this icon are **patient-included**.
## Programme Overview - Wednesday 11 September 2019

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<td>08:00 - 08:15</td>
<td>Microbiome research – new visions for infection control</td>
<td>Isolation precautions</td>
<td>Controversies in VRE control</td>
<td>Mobilizing countries and stakeholders around the world to clean hands</td>
<td>Vascular access Hands-on workshop</td>
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<td>08:15 - 08:30</td>
<td>Keynote Lecture</td>
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<td>08:30 - 08:45</td>
<td>Semmelweis Day - the best of Hand Hygiene</td>
<td>Epidemiology and control of multi-R Gram-negative bacteria</td>
<td>Surgical site infection</td>
<td>SHEA/ICPIC: Optimal indicators for MDRO and HAI prevention</td>
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<td>08:45 - 09:00</td>
<td>Lunch Break, Poster Viewing, Guided Poster Tours &amp; Visit of the Exhibition</td>
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<td>09:00 - 09:15</td>
<td>Prix Hubert Tuor: Innovation Academy - The Pitch</td>
<td>Control of Clostridium difficile - can we do better?</td>
<td>De-implemention of low-level evidence measures: time for the big-jump?</td>
<td>Patient Participation Platform</td>
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<td>Healthcare-associated infections and the hospital environment</td>
<td>COFFEE BREAK &amp; VISIT OF THE EXHIBITION</td>
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<td>Using prevalence data for public health</td>
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<td>Fighting the challenge of carbapenemase producing Enterobacteriaceae</td>
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<td>Fishbowl: HAI surveillance with limited resources: challenges and opportunities</td>
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<td>Prevention of surgical site infections</td>
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<td>Hand hygiene: Monitoring &amp; changing behaviour</td>
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<td>Antimicrobial stewardship</td>
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<td>Use of antiseptic agents in healthcare settings: clinical and legal perspective</td>
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<td>Patient's experience of HAIs, MDRO carriage or infection</td>
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<td>Sporicidal and virucidal efficacy in the near patient area. What is really necessary?</td>
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**MEET THE EXPERT SESSIONS (MTE) - IN ROOMS 01, 02, 03, 05 & 06, 15 & 16**

- **World Sepsis Day: worldwide initiatives**
- Multidrug resistant Gram- negatives
- Improving surveillance data availability, comparison & practical translation to reduce resistance spread
- Chlorhexidine baths & mouthwashes
- Outbreaks & late breakers
- MRSA-VRE

**COFFEE BREAK & VISIT OF THE EXHIBITION**

- Keynote Lecture

**CLOSING**
Description: According to the available scientific evidence and World Health Organization recommendations, multimodal improvement strategies (MMIS) are the most effective approaches to implement hand hygiene and other infection prevention and control (IPC) interventions (for example, to reduce central line-associated bloodstream infections). However, they are complex interventions that require knowledge and understanding of the local context. This workshop will help participants understand what are MMIS and how to apply them successfully in real life, through review of their foundations in evidence and implementation science and of some successful examples, and immersion in practical exercises.

13:00 - 13:10
Introduction to the workshop
Benedetta Allegranzi (WHO)

13:10 - 13:45
What are infection prevention and control (IPC) multimodal improvement strategies (MMIS)? The example of hand hygiene
Julie Storr (UK) & Claire Kilpatrick (UK)

13:45 - 14:10
Why using MMIS is the most effective approach for implementing infection prevention and control (IPC) interventions? Evidence and comparison with other models
Benedetta Allegranzi (WHO)

14:10 - 14:50
Working groups: How to make the case for the MMIS elements in your hospital?

14:50 - 15:00
BREAK

15:00 - 15:30
Feedback from working groups

15:30 - 15:55
Why leadership and safety climate are not only an element but the foundation of MMIS
Enrique Castro-Sanchez (UK)

15:55 - 16:15
How to apply MMIS to any infection prevention and control (IPC) intervention: example 1 – prevention of surgical site infections
Joseph Solomkin (US)

16:15 - 16:35
How to apply MMIS to any infection prevention and control (IPC) intervention: example 2 – prevention of vascular catheter-associated infections
Walter Zingg (CH)

16:35 - 16:55
Final plenary discussion: What’s new in your understanding of MMIS today?
Didier Pittet (CH)
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<th>Time</th>
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| 08:00 - 08:50 | ROOM 01 | **Point-counterpoint: Active surveillance for carriers of toxigenic Clostridium difficile**  
Chair: Erica Shenoy (US)  
Should be performed to guide prevention efforts  
Yves Longtin (CA)  
Should NOT be performed on a routine basis  
Clifford McDonald (CDC, Atlanta) |
| 08:00 - 08:50 | ROOM 02 | **What you always wanted to know about novel sequencing tools for infection control**  
The EPI side  
Kalis Marimuthu (SG)  
The LAB side  
Surbhi Malhorta-Kumar (BE) |
| 08:00 - 08:50 | ROOM 03 | **Antibiotic stewardship in North America**  
Impact of antibiotic stewardship programmes on antibiotic use in US hospitals  
Arjun Srinivasan (CDC, Atlanta)  
Is Canada doing any better?  
John Conly (CA) |
| 08:00 - 08:50 | ROOM 04 | **Multi-drug resistant organisms (MDRO) control in the intensive care unit (ICU)**  
Impact of single room design on the spread of MDRO in the ICU  
Margreet Vos (NL)  
Environmental disinfection in the ICU for *Candida auris*  
David Eyre (UK) |
| 08:00 - 08:50 | ROOM 16 | **Infection prevention and control (IPC) in outbreaks**  
The evolving role of WHO Global Outbreak Alert Response Network (GOARN) from 2000 to 2019  
Dale Fisher (SG)  
Infection prevention and control (IPC) in the latest Ebola outbreaks: what succeeded and what failed?  
Folosade Ogunsola (NG) |
| 08:00 - 08:50 | ROOM 17 | **Debate: Clearance of carbapenem-resistant *Enterobacteriaceae* status**  
Carbapenem-resistant *Enterobacteriaceae* patients can be actively cleared of CRE carriage  
Yehuda Carmeli (IL)  
No, we should not try to actively clear CRE carriage  
Tim Walsh (UK) |
| 08:00 - 08:50 | ROOM 18 | **Vascular access**  
Pros and cons for central vascular access device insertion  
Ruth Carrico (US)  
Today’s most common errors during central vascular access device insertion  
Mauro Pittiruti (IT) |
### GENERAL SESSION

**ROOM 01**

**Microbiome research – new visions for infection control**
Chairs: Jacque Schrenzel (CH) & Stefania Stefani (IT)

- **09:00 - 09:20**
  Predicting and combating biotic and abiotic disruptions to diverse microbiomes
  Gautam Dantas (US)
- **09:20 - 09:40**
  Reconstitution of the gut microbiota of antibiotic-treated patients by fecal microbiota transplant
  Eric Pamer (US)
- **09:40 - 10:00**
  Applications of precision microbial genomics to precision medicine
  Ami S. Bhatt (US)
- **10:00 - 10:20**
  Understanding the essentials of the microbiome of the built hospital environment
  Erica Hartmann (US)
- **10:20 - 10:30**
  Discussion

**ROOM 03**

**Controversies in vancomycin-resistant Enterococcus (VRE) control**
Chairs: Vincent Cheng (HK) & Yves Longtin (CA)

- **09:00 - 09:25**
  Swiss vancomycin-resistant *Enterococcus* outbreak and current situation in Switzerland
  Jonas Marschall (CH)
- **09:25 - 09:40**
  The secrets behind a vicious vancomycin-resistant *Enterococcus* strain – Tolerance to alcohol?
  Niccolo Buetti (FR)
- **09:40 - 09:50**
  Tolerance to alcohol? Story in the media
  Alexandra Peters (CH)
- **09:50 - 10:05**
  Vancomycin-resistant *Enterococcus* control (PRO)
  Laurence Senn (CH)
- **10:05 - 10:20**
  Vancomycin-resistant *Enterococcus* control (CON)
  Sebastian Lemmen (DE)
- **10:20 - 10:30**
  Discussion

### GENERAL SESSION

**ROOM 02**

**Isolation precautions**
Chairs: Loreen Herwaldt (US) & Keith Kaye (US)

- **09:00 - 09:20**
  Isolating patients: Organizational, clinical and ethical issues
  Dinah Gould (UK)
- **09:20 - 09:40**
  Meta-analysis of studies assessing outcomes of eliminating contact precautions for resistant organisms
  Loreen Herwaldt (US)
- **09:40 - 10:00**
  Examining effects of contact precautions using transmission models
  Matthew Samore (US)
- **10:00 - 10:20**
  Costs and time burdens of contact precautions
  Andreas Widmer (CH)
- **10:20 - 10:30**
  Discussion

### INTEGRATED SYMPOSIUM

**ROOM 04**

**Mobilizing countries and stakeholders around the world to clean hands**
Chairs: Enrique Castro-Sanchez (UK) & Moi Lin Ling (SG)

Refer to page 54 for detailed programme

### SPECIAL SESSION

**ROOM 18**

**Vascular Access Track: Hands-on workshop**

Refer to page 54 for detailed programme

10:30 - 11:00

**COFFEE BREAK & VISIT OF THE EXHIBITION**

**ROOM 01**

**Keynote Lecture**
Chair: Petra Gastmeier (DE)

Whole genome sequencing for infection prevention and control (IPC) purposes – the essentials
Derrick Crook (UK)
11:00 - 12:30 ROOM 18
Vascular Access Track: Hands-on workshop

Refer to page 54 for detailed programme

11:45 - 13:00 ROOM 01
Semmelweis Day
Chairs: Didier Pittet (CH) & Wing-Hong Seto (HK)

11:45 - 11:50
Semmelweis, my hero
Didier Pittet (CH)

11:50 - 12:10
The 2019 Hand Hygiene research agenda
Daniela Pires (CH)

12:10 - 12:30
The "How-to-Handrub" technique: Revisiting the evidence
Sarah Tschudin Sutter (CH)

12:30 - 12:50
Monitoring hand hygiene: Moving toward the combined use of direct observation and automatic monitoring
Andreas Voss (NL)

12:50 - 13:00
Discussion

11:45 - 13:00 ROOM 02
Epidemiology and control of multi-resistant Gram-negative bacteria
Chairs: Hajo Grundmann (DE) & Etienne Ruppé (FR)

11:45 - 12:05
Epidemiology and control of carbapenem-resistant Acinetobacter baumannii
Yehuda Carmeli (IL)

12:05 - 12:25
Latest news on colistin-resistant superbugs
Tim Walsh (UK)

12:25 - 12:45
Prevention of KPC-producing Enterobacteriaceae in long-term care hospitals
Mary Hayden (US)

12:45 - 13:00
Discussion

11:45 - 13:00 ROOM 03
Surgical site infection
Chairs: Mohammed Abbas (CH) & Mary-Claire Roghmann (US)

11:45 - 11:57
01 - The effect of postoperative continuation of antibiotic prophylaxis on the incidence of surgical site infection: A systematic review and meta-analysis
Stijn De Jonge (NL)

11:57 - 12:09
02 - Impact of climate factors on surgical site infection rates. Data from 17 years of surveillance in Germany
Seven Johannes Sam Aghdassi (DE)

12:09 - 12:21
03 - Reducing Staphylococcus aureus surgical site infections using an anti-staphylococcal bundle in New Zealand
Nikki Grae (NZ)

12:21 - 12:33
04 - Impact of a bundle intervention to reduce surgical site infection after craniotomy: A before-after prospective study
Guillermo Cuervo (ES)

12:33 - 12:45
05 - Management and outbreak investigation of Serratia marcescens neurosurgical site infections associated with a contaminated shaving razor used for preoperative scalp shaving
Eun Jin Kim (KR)

12:45 - 12:57
06 - Barriers and facilitators to implementing a bundled intervention to prevent S. aureus surgical site infections (SSI) among cardiac and orthopedic surgery patients: Why did it work better for orthopedic surgeries?
Marin Schweizer (US)

11:45 - 13:00 ROOM 04
SHEA/ICPIC: Optimal indicators for multi-drug resistant organism and healthcare-associated infection prevention
Chairs: Stephan Harbarth (CH) & Eli Perencevich (US)

11:45 - 12:10
Optimal indicators for antimicrobial stewardship – moving beyond DDD and DOT
Keith Kaye (US)

12:10 - 12:35
Optimal metrics for benchmarking of process and outcome indicators in infection control
Hilary Babcock (US)

12:35 - 13:00
Discussion
13:00 - 14:30
LUNCH BREAK, POSTER VIEWING & VISIT OF THE EXHIBITION

★ SPECIAL SESSION
13:15 - 14:15
POSTER AREA
Prix Hubert Tuor: ICPIC Innovation Academy - Poster presentations -

★ SPECIAL SESSION
13:15 - 14:15
Guided poster tours

Refer to page 19 for detailed programme

GENERAL SESSION
13:15 - 13:35
Prix Hubert Tuor: ICPIC Innovation Academy
The patient participation platform at Geneva University Hospitals
Thomas Agoritsas (CH) & Sylvie Touveneau (CH)

13:35 - 13:45
Patient experience with healthcare-associated infection
Francois Velen (CH)

13:45 - 13:55
Video: “The patient/partner experience”
Mélissa Rudolf (CH)

13:55 - 14:05
The experience of a patient at high-risk
Francois Lugeon (CH)

14:05
Question & answer session

14:30 - 16:00
ROOM 01
Prix Hubert Tuor: ICPIC Innovation Academy - The Pitch -
Chairs: John Conly (CA) & Didier Pittet (CH)

14:35 - 15:00
Where are we now... the journey of Innovation Academy Award winners to today and beyond (by previous ICPIC Innovation Academy Award winners: Todd Alexander (US), Tamas Heidegger (HU), Richard Kao (HK), Nicolas Loebel (CA) & Antenna representative (CH))

15:00 - 15:05
I1 - Motion detection and artificial intelligence in the automatic documentation of key figures for hand hygiene compliance
Ehsan Khaljani (DE)

15:05 - 15:10
I3 - SmartRub®: A new electronic device to measure and provide individual feedback of the quality of hand hygiene action
Yves-Alain Robert (CH)

15:10 - 15:15
I4 - Effectiveness of Whatsapp in promoting hand hygiene awareness pledges among health care personals in India
Dorairajan Sureshkumar (IN)

15:15 - 15:20
I5 - Smart monitoring of hand hygiene
Tobias Gebhardt (DE)

15:20 - 15:30
I6 - Development of 1,3,5-triazine–pyrazole as effective hand-wash with potent antibacterial activity
Udaya Pratap Singh (IN)

15:30 - 15:35
I7 - A novel open-source innovation for hand-hygiene monitoring and compliance using interaction design (ID): Capacity for global scaling up internet of things (IOT) technology
M. J. Blaak (CA)

15:35 - 15:40
I8 - Polymer metallisation via cold spray and 3D printing for the mitigation of nosocomial infection transmission
Michael David Ian Lucas (ZA)

15:40 - 15:45
I9 - Ozires: An ex-toy robot that became a professor who teaches healthcare workers how, when, and why wash their hands
Bráulio Couto (BR)

15:45 - 15:50
I10 - Does the application of a silicon dioxide nanocoating facilitate the cleaning in patient rooms?
Door Jouck (BE)
### GENERAL SESSION

**14:30 - 16:00 ROOM 02**

**Control of *Clostridium difficile* - can we do better?**
Chairs: Clifford McDonald (CDC, Atlanta) & Sarah Tschudin Sutter (CH)

**14:30 - 14:50**
Antibiotic stewardship for *Clostridium difficile* control – what to expect?
Benedikt Huttner (CH)

**14:50 - 15:10**
Infection control - outdated?
Sarah Tschudin Sutter (CH)

**15:10 - 15:30**
Control of reservoirs beyond healthcare systems – worthwhile?
Maja Rupnik (SI)

**15:30 - 15:50**
The role of the microbiota for prevention & treatment
Clifford McDonald (CDC, Atlanta)

**15:50 - 16:00**
Discussion

### INTEGRATED SYMPOSIUM

**14:30 - 16:00 ROOM 04**

**Clean Hospitals: Championing environmental hygiene without breaking the bank**
Chairs: Jonathan Otter (UK) & Alexandra Peters (CH)

**14:30 - 14:50**
Keeping hospitals clean: Where is the evidence? What are patients expectations?
Alexandra Peters (CH)

**14:50 - 15:10**
International survey of cleaning and disinfection practices
Pierre Parneix (FR)

**15:10 - 15:30**
New technologies in infections prevention and control: Past, present, future
Andreea Moldovan (RO)

**15:30 - 15:50**
Counting the cost and value of hospital cleaning and disinfection
Jonathan Otter (UK)

**15:50 - 16:00**
Discussion

### COFFEE BREAK & VISIT OF THE EXHIBITION

**16:30 - 17:30 ROOM 01**

**Candida auris: How to get ready for a new threat?**
Chairs: Alessandro Cassini (CH) & Dale Fisher (SG)

**16:30 - 17:00**
Dealing with *Candida auris* outbreaks
David Eyre (UK)

**17:00 - 17:30**
European situation and perspectives
Diamantis Plachouras (ECDC, Stockholm)
### General Session

**Room 02**

16:30 - 17:30  
**Social media to support prevention measures**  
Chairs: Jonathan Otter (UK), Denise Silbert (FR) & Jason Tetro (CA)

16:30 - 16:50  
**Social media posts as early-warning system for multi-drug resistant organisms outbreaks**  
Andreas Voss (NL)

16:50 - 17:10  
**Pros and Cons of social media, the researcher perspective**  
Eli Perencevich (US)

17:10 - 17:30  
**Do YouTube videos focus on infection control work?**  
Julie Storr (UK)

### Slide Session

**Room 03**

16:30 - 17:30  
**Burden of healthcare-associated influenza**  
Chairs: Hilary Babcock (US) & Keith Kaye (US)

16:30 - 16:42  
**07 - Seasonal nosocomial influenza infection: A prospective 13 years surveillance among patients and healthcare workers in Lyon, France**  
Laetitia Henaff (FR)

16:42 - 16:54  
**08 - Hospital-based surveillance of influenza in Switzerland – A pilot study**  
Anne Iten (CH)

16:54 - 17:06  
**09 - Study assessing the burden of influenza in nursing homes residents with influenza-like illness during 2016-2017 and 2017-2018 influenza season**  
Laetitia Qalla-Widmer (CH)

17:06 - 17:18  
**010 - Healthcare associated influenza prevention project (HAIP): First multicenter surveillance results on nosocomial influenza and prevention measures**  
Domenica Flury (CH)

### General Session

**Room 03**

17:45 - 18:00  
**World Health Organisation: IPC Global Survey Workshop**

Speakers: Benedetta Allegranzi (WHO) - Alessandro C. Cassini (WHO) - Didier Pittet (CH) - Ermira Tartari (MT) - Sara Tomczyk (DE) - Anthony Twyman (CH)

For the first time ever, the World Health Organization is assessing the global situation of both infection prevention and control and hand hygiene programmes. Don’t miss the opportunity to be part of this global picture! Join the IPCIC training workshop to learn about the current findings so far, meet the WHO experts, and learn how to participate in the WHO global survey!

### Late-Breaker Session

**Room 02**

17:45 - 19:00  
**Late-Breakers: Ebola disease in DRC**  
Chairs: April Baller (WHO) & Manuel Schibler (CH)

17:45 - 17:50  
**Welcome and introduction**  
Mike Ryan (WHO), April Baller (WHO) & Manuel Schibler (CH)

17:50 - 18:00  
**Overview of the current EVD outbreak in DRC**  
Mike Ryan (WHO), April Baller (WHO) & Manuel Schibler (CH)

18:00 - 18:15  
**Innovative approaches from the field: the electronic IPC scorecard and its use in addressing healthcare-associated infections in the EVD outbreak**  
K. Ousman (WHO)

18:15 - 18:30  
**Performance-based financing for IPC in the current DRC EVD outbreak**  
L. Kabego (WHO, DRC)

18:30 - 18:45  
**Leveraging communities in Butembo and Katwa to implement basic IPC measures in both healthcare facilities and households**  
B. Houndjo (WHO, DRC)

### General Session

**Room 04**

16:30 - 17:30  
**Water: A source of life and of healthcare-associated infections**  
Chairs: Hajo Grundmann (DE) & Loreen Herwaldt (US)

16:30 - 16:50  
**M. chimaere in heater-coolers**  
Andreas Widmer (CH)

16:50 - 17:10  
**Legionella in pipes**  
Loreen Herwaldt (US)

17:10 - 17:30  
**Gram-negatives in sinks**  
Joost Hopman (NL)

### Late-Breaker Session

**Room 04**

17:45 - 19:00  
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### Satellite Symposium - Ecolab-Anios

**Room 04**

17:45 - 18:45  
**Multimodal strategy: from theory to practice**

Refer to page 54 for detailed programme
Poster Tour 1A – Surgical Site Infection
Chair: Joseph Solomkin (US)


P19 - Reduction in the Surgical Site Infection (SSI) Rate Following Sustained Improvement in Process Measures / N. Grae* - A. Morris - S. Roberts

P21 - Triclosan-Coated Sutures Reduce the Risk of Surgical Site Infections: A Systematic Review and Meta-Analysis / T. Mulder* - M. Abbas - S. Harbarth - J. Kluytmans


P27 - Hyperglycemia Management and Its Association with Sternal Site Infections Among CABG Patients in a Quaternary Care Hospital / A. M. Alexander*


Poster Tour 2A – Hand Hygiene
Chair: Andreas Widmer (CH)

P125 - Causes of Non-Compliance of Hand Hygiene Using a Covert Observation Methodology / A. El-Saed* - M. Alshamrani - S. Nourshad - H. Balkhy


P140 - Can the Consumption of Alcohol-Based Handrub (ABHR) Be an Indicator of Hand Hygiene (HH) Compliance? / A. Iten* - J. Sztajzel - A. Peters - D. Pittet

P141 - Measuring Hand Hygiene Performance Based on Alcohol-Based Hand Rub Usage in Hospitals: A Cross-Border Project (I-4-1 Health) / M. Vereist* - I. Willemsen - V. Wetenings - A. Schuermans - I. Leroux-Roels - J. Kluytmans on behalf of i-4-1 Health study group


Poster Tour 3A – Carbapenemases
Chair: Mary Hayden (US)


P55 - Active Surveillance Culture of Carbapenem-Resistant Klebsiella Pneumoniae and Carbapenem-Resistant Acinetobacter Baumannii in an Emergency ICU in a Teaching Hospital in China / F. Gao* - W. Huang


P60 - Prevalence of Antibiotic-Resistant Enterobacteriaceae in a Large Network of Nursing Homes / C. Legeay* - B. Fuchs - T. Haudebourg - S. Corvec - G. Birgand on behalf of CARBEHPAD Study Group (RTH Pays de la Loire, Raymond Poulain C)

P73 - Rectal Carriage of Ciprofloxacin-Resistant Enterobacteriaceae Among Patients in Two Dutch Hospitals: Results from the I-4-1 Health Project / M. Kluytmans - van den Bergh - C. Verhulst* - B. Diederen - E. Maas - V. Wetenings - I. Leroux-Roels - J. Kluytmans on behalf of the i-4-1 Health Study Group
GUIDED POSTER TOURS - WEDNESDAY 11 SEPTEMBER 2019

POSTER TOUR 4A – ENVIRONMENT AND DISINFECTION
Chair: Jonathan Otter (UK)

P233 - MINIMUM BUILDING REQUIREMENTS OF HOSPITAL ISOLATION ROOMS FOR PATIENTS WITH HIGHLY CONTAGIOUS AND SEVERE INFECTIONS / M. J. Tielemans* - R. de Groot - J. Immerzeel - M. C. Vos


P248 - HEALTHCARE FACILITY ENVIRONMENTAL CLEANING IN RESOURCE-LIMITED SETTINGS (RLS): DEFINING BEST PRACTICES AND DEVELOPING TOOLS FOR IMPLEMENTATION / M. Patrick - S. Mehtar - B. Park* - R. Smith

P252 - STORAGE TIME EFFECTS ON THE BACTERICIDAL ACTIVITY OF QUATS DISINFECTANT-IMPREGNATED WIPES / X. Song* - A. Zille - L. Vossebein

POSTER TOUR 5A – AMR & IPC IN THE DEVELOPING WORLD
Chair: Nizam Damani (UK)


P86 - ANTIBACTERIAL RESISTANCE SURVEILLANCE OF CLINICAL ISOLATES AT AN ONCOLOGY CENTRE / V. Bhat* - R. Kelkar - S. Biswas - N. Khatriy - S. Gupta

P213 - BEHAVIORAL AND ENVIRONMENTAL RISK FACTORS ASSOCIATED WITH NEONATAL SEPSIS AT AN ONCOLOGY CENTRE / H. Yakubu* on behalf of Center for Global Safe WASH, Emory University


P219 - ABOUT DIFFICULTIES TO MAKE SUSTAINABLE IPC PROJECTS IN AFRICA: EXAMPLE OF FANN HOSPITAL IN SENEGAL / B. Ndoye* - N. A. Lakhe - C. T. Diop

POSTER TOUR 6A – ANTIMICROBIAL USE AND STEWARDSHIP
Chair: Souha Kanj (LB)


P115 - ANTIMICROBIAL USE GUIDELINES IN LARGE HOSPITALS IN SWITZERLAND: AN ANALYSIS OF DIFFERENCES AMONG CENTERS / V. Naef* - G. Catho - A. Ranzani - B. Huttner - S. Tschudin-Sutter

DEVICE-ASSOCIATED BLOODSTREAM INFECTIONS 1


P6 - INFECTIOUS COMPLICATIONS RELATED TO THE USE OF CENTRAL VENOUS ACCESS DEVICES AND PERIPHERALLY INSERTED CENTRAL CATHETERS: A COMPARATIVE STUDY / A. N. B. Mota - V. de Brito Poveda - R. N. T. Turrini


P12B - BLOODSTREAM INFECTION ANTIBIOTIC IN SYRIAN FEBRILE NEUTROPENIC PATIENTS / A. Alrstom* - N. Daher - R. Abouharb

SURGICAL SITE INFECTION: INTERVENTION TO REDUCE THE BURDEN 1


P19 - REDUCTION IN THE SURGICAL SITE INFECTION (SSI) RATE FOLLOWING SUSTAINED IMPROVEMENT IN PROCESS MEASURES / N. Grae* - A. Morris - S. Roberts


P25 - PATIENTS WITH LOWER LEG SURGERIES AND MALE PATIENTS AS RISK GROUPS FOR POSTOPERATIVE WOUND INFECTIONS / M. M. Strybos* - R. Otchwehema - J. Hoffmann - F. Mattner


P27 - HYPERGLYCEMIA MANAGEMENT AND ITS ASSOCIATION WITH STERNAL SITE INFECTIONS AMONG CABG PATIENTS IN A QUATERNARY CARE HOSPITAL / A. M. Alexander*


CLOSTRIDIUM DIFFICILE

P37 - DIARRHEAL SYMPTOMS EXTRACTED FROM CLINICAL NOTES FOR PATIENTS TESTING POSITIVE FOR CLOSTRIDIODES DIFFICILE IN THE INPATIENT, OUTPATIENT, AND LONG-TERM CARE SETTINGS / V. W. Stevens* - G. Divita - K. Khader - M. Samore


INFLUENZA 1


P43 - HOW TO ACHIEVE 80% INFLUENZA VACCINATION COVERAGE IN A LARGE NORWEGIAN UNIVERSITY HOSPITAL / M. E. Gjerde* - K. S. Kilhus - M. E. Gjerde - K. S. Kilhus

P44 - RELENTLESS EDUCATION EFFORTS TO COUNTER ‘BELIEFS’ ASSOCIATED WITH UPTAKE OF STAFF FLU VACCINATIONS / H. K. Lam* - K. Rajwinder

P45 - INFLUENZA IMMUNIZATION: HOW TO ENCOURAGE HEALTHCARE WORKERS TO GET VACCINATED? / S. Cyrille* - E. Seringe - K. Lebasle - P. Astagneau

P47 - GIVING HEALTHCARE WORKERS (HCW) A CHOICE BETWEEN VACCINATION AND WEARING A MASK DURING SEASONAL INFLUENZA EPIDEMIC: A POSSIBLE STRATEGY TO INCREASE VACCINATION COVERAGE / A. Iten* - C. Bonfillon - C.-A. Siegrist - D. Pittet


EPIDEMIOLOGY OF CARBAPENEMASES


P50 - PREVALENCE OF ESBL AND MBL ENCODING GENES IN ACINETOBACTER BAUMANNII STRAINS ISOLATED FROM PATIENTS OF INTENSIVE CARE UNITS IN KURDISTAN, IRAQ / S. T. Baban* - P. Akram - D. Jalal

P51 - RESISTANCE TO THIRD GENERATION CEPHALOSPORIN DUE TO TEM AND CTX-M-1 TYPE EXTENDED-SPECTRUM B-LACTAMASE GENES AMONG CLINICAL ISOLATES OF GRAM-NEGATIVE BACILLI IN ASELLA, CENTRAL ETHIOPIA / T. B. Tufa* - F. André - S. Abdissa - K. Achim - M. Colin - P. Klaus - F. Torsten - H. Dieter


P55 - ACTIVE SURVEILLANCE CULTURE OF CARBAPENEM-RESISTANT KLEBSIELLA PNEUMONIAE AND CARBAPENEM-RESISTANT ACINETOBACTER BAUMANNII IN AN EMERGENCY ICU IN A TEACHING HOSPITAL IN CHINA / F. Qiao* - W. Huang


P58 - BELGIAN ANTIMICROBIAL RESISTANCE SURVEILLANCE EXTENDED: ISOLATES FROM URINARY SAMPLES / L. Catteau* - K. Mertens - B. Catry


P60 - PREVALENCE OF ANTIBIOTIC-RESISTANT ENTEROBACTERIACEAE IN A LARGE NETWORK OF NURSING HOMES / C. Legeay* - B. Fuchs - T. Haudebourg - S. Corvec - G. Birgand on behalf of CARBEHPAD Study Group (RTH Pays de la Loire, Raymond Poulain C)


MICROBIOLOGICAL DETECTION OF CARBAPENEMASES

P63 - MICROBIOTA OF DIGESTIVE SYSTEM IN COMMUNITY VERSUS HOSPITAL SETTINGS / M. M. Abdelhalim*

P64 - PHENOTYPIC AND GENOTYPIC DETECTION OF CARBAPENEM RESISTANT ACINETOBACTER BAUMANNII IN SURGICAL AND INTENSIVE CARE UNITS (ICUS) IN AL AZHAR UNIVERSITY HOSPITAL – NEW DAMIETTA, EGYPT / M. G. M. Elsherbeny* - M. Abdelnasser Aly - E. S. A. Gouda - M. M. A. Saleh - M. M. Balboula

P65 - EXTENDED-SPECTRUM-BETA-LACTAMASE PRODUCING BACTERIA RELATED URINARY TRACT INFECTION IN RENAL TRANSPLANT RECIPIENTS / M. Wysocka* - B. Krawczyk - M. M. A. Saleh - M. M. Balboula

P66 - EXTENDED-SPECTRUM-BETA-LACTAMASE PRODUCING BACTERIA RELATED URINARY TRACT INFECTION IN RENAL TRANSPLANT RECIPIENTS / M. Wysocka* - B. Krawczyk - M. M. A. Saleh - M. M. Balboula


P119 - ADHERENCE TO HAND HYGIENE AND ITS ASSOCIATED FACTORS IN MATERNITY SETTINGS IN A TERTIARY REFERRAL HOSPITAL IN BLANTYRE, MALAWI: AN OBSERVATIONAL CROSS-SECTIONAL STUDY / C. Cohen* - C. Dunlop - A. Blennerhassett - P. Bonongwe - L. Gadama - D. Lissauer

P120 - HAND HYGIENE COMPLIANCE IN THE INTENSIVE CARE UNIT: A SYSTEMATIC REVIEW / A. Vellinga* - K. Lambe - S. Lydon - C. Madden - A. Hehir - M. Walsh - P. O’Connor


P122 - ASSESSMENT OF HAND HYGIENE COMPLIANCE AMONG 4 WARDS AT THE UNIVERSITY OF SIERRA LEONE TEACHING HOSPITAL / R. E. Ngauja* - C. A. Conteh - A. Maruta


HAND HYGIENE: MONITORING AT LARGE LEVEL

P129 - BACK TO BASICS: USING NEW GLOBAL DATA ON HEALTH CARE WASTE MANAGEMENT AND HAND HYGIENE FACILITIES TO TARGET INVESTMENTS, PREVENT INFECTIONS AND SAVE LIVES / M. Montgomery - R. Johnston - J. Storr* - C. Kilpatrick

P130 - HAND HYGIENE IN HOSPITALS – THE EVOLUTION OF A GLOBAL CAMPAIGN / C. Kilpatrick* - B. Allegranzi - D. Pittet


P132 - HAND HYGIENE ENABLERS AND PRACTICES AMONG HEALTH CARE WORKERS IN UGANDA; FINDINGS FROM A NATIONAL INFECTION PREVENTION AND CONTROL (IPC) SURVEY / W. Omunt* - R. Walwema - M. Lamorde - M. Kesande

P133 - SELF-REPORTED HANDWASHING COMPLIANCE IN THE GENERAL POPULATION IN GERMANY: AN IN-DEPTH ANALYSIS OF THE FIRST BZGA-SURVEY ON HYGIENE AND INFECTION CONTROL / T. von Lengerke* - A. A. Mardiko

P137 - IDENTIFYING WHAT CONTRIBUTES TO THE SUCCESS OF INTERVENTIONS TO PROMOTE HAND HYGIENE IN PATIENT CARE: FINDINGS OF A SYSTEMATIC LITERATURE REVIEW AND THEMATIC SYNTHESIS / D. Gould* - D. Gould

P138 - IMPLEMENTATION OF THE WORLD HEALTH ORGANIZATION MULTIMODAL HAND HYGIENE IMPROVEMENT STRATEGY IN A UNIVERSITY HOSPITAL IN MOROCCO / S. Elhassouni* - M. C. Benjelloun - B. Oumokhtar

P139 - SAVING COSTS BY REDUCING THE DENSITY OF CENTRAL-LINE ASSOCIATED BLOODSTREAM INFECTION BECOMES FEASIBLE THE IMPLEMENTATION OF BEST QUALITY ALCOHOL IN PEDIATRIC INTENSIVE CARE UNITS / H. I. G. Giamberardino* - P. Krys - J. Y. Kawagoe on behalf of Hospital Pequeno Príncipe

P140 - CAN THE CONSUMPTION OF ALCOHOL-BASED HANDRUB (ABHR) BE AN INDICATOR OF HAND HYGIENE (HH) COMPLIANCE? / A. Iten* - J. Sztajzel - A. Peters - D. Pittet

P141 - MEASURING HAND HYGIENE PERFORMANCE BASED ON ALCOHOL-BASED HAND RUB USAGE IN HOSPITALS: A CROSS-BORDER PROJECT (i-4-1 HEALTH) / M. Verelst* - I. Weterings - A. Schuermans - I. Leroux-Roels - J. Kluytmans on behalf of Hospital Pequeno Príncipe

P142 - IMPLEMENTATION OF HAND HYGIENE PROGRAM IN THE HOSPITAL ENVIRONMENT / M. Dadgarmoghaddam* - A. Alipour Tabrizi - N. Lotfinejad

PROMOTING HAND HYGIENE


P125 - CAUSES OF NON-COMPLIANCE OF HAND HYGIENE USING A COVERT OBSERVATION METHODOLOGY / A. El-Saed* - M. Alshamrani - S. Noushad - H. Balkhy

P126 - NEW CONCEPT OF HAND HYGIENE SURVEILLANCE IN NURSING HOMES - CANTON DE VAUD / M. Attinger Querzoli* - C. Petignat - I. N. Tessemo


P128 - IMPROVING COMPLIANCE WITH HAND ANTISEPSIS WITHOUT DECREASED EFFICACY BY SHORTENING THE RUB-IN TIME OF ALCOHOL-BASED HAND RUBS TO 15 SECONDS / M. Alshamrani - S. Noushad - H. Balkhy


P134 - HYPOTHESIS - APPLYING NEW METHODS OF MODERN COMMUNITY-BASED HEALTH EDUCATION IS THE WAY TO SUCCEED IN A HAND HYGIENE EDUCATIONAL PROGRAM IN THE HOSPITAL ENVIRONMENT / H. Marquez Villarreal* - M. Hernandez De Mezerville - O. Gálvez De La Cruz - D. Pittet
P144 - HAND HYGIENE EXCELLENCE AMERICA LATINA (HHEA-LATAM): EXPERIENCE OF A PEDIATRIC HOSPITAL / H. I. G. Giambertardino - J. Y. Kawagoe - A. P. P. Chache - B. D. Matuscheski - L. P. Carvalho on behalf of Hospital Pequeno Principe - Department of Epidemiology and Infection Control

P145 - IMPROVING HAND HYGIENE COMPLIANCE AND REDUCING HEALTHCARE-ASSOCIATED INFECTIONS: LEADERSHIP AND MANAGERIAL SUPPORT CREATES THE TIPPING POINT / B. Du Toit on behalf of Corporate Hand hygiene Committee


P147 - NEW ZEALAND HAND HYGIENE PROGRAMME: REQUIREMENTS TO SUSTAIN IMPROVEMENT IN A CHANGING ENVIRONMENT / S. Roberts - N. Grae

P148 - A SUCCESSFUL HAND HYGIENE PROGRAM IN SAUDI ARABIA / B. Molaeb


P151 - EFFECTIVE IMPLEMENTATION OF THE WORLD HEALTH ORGANISATION MULTIMODAL HAN HYGIENE IMPROVEMENT STRATEGY IN A INTENSIVE CARE UNIT OF A UNIVERSITY HOSPITAL IN MADAGASCAR / S. Gaimard - P. Nerrant - T. Rakotovao - C. Andrinimalanana - C. Guitard - L. Di Trapani


P154 - HANDHYGIENE COMPLIANCE WITH THE FIVE MOMENTS BY HEALTH WORKERS IN BENIN HOSPITAL/S / T. A. Ahoyo - S. Assavedo - P. F. D. Fonton

P155 - INVESTIGATING THE EFFECT OF SHORT DAILY HAND HYGIENE PRACTICE ON ACHIEVING PROFICIENCY: A PROSPECTIVE COHORT STUDY / L. Price - L. Gozdzielewksa - K. McAloney

P156 - ACCEPTABILITY AND TOLERABILITY OF ALCOHOL-BASED HAND HYGIENE PRODUCTS FOR ELDERLY RESIDENTS IN LONG-TERM CARE; A CROSSOVER STUDY / M. O’Donoghue - J. M. Ho - D. Pittet - L. K. Suen

P157 - BEHAVIOUR

P158 - IMPROVING WASTE MANAGEMENT PRACTICES AMONG HEALTH CARE WORKERS IN A LARGE PUBLIC HOSPITAL IN UGANDA / M. S. Kesande - W. Omuut - J. Agwang - J. Nanyondo - M. Lamorde

P159 - DEVELOPING A PROTOCOL TO DEAL WITH DISINFORMATION AND FAKE NEWS IN INFECTION PREVENTION AND CONTROL / A. Peters - R. Martischang - C. Guitart - N. Lotfinejad - D. Pittet


P163 - IMPLEMENTATION INTERVENTIONS TO IMPROVE COMPLIANCE WITH SURGICAL SITE INFECTION PREVENTIVE MEASURES IN ABDOMINAL SURGERY: A SYSTEMATIC REVIEW / I. Tomsic - N. R. Heinze - I. F. Chaberny - C. Krauth - B. Schock - T. von Lengerke


P166 - KNOWLEDGE AND SELF-REPORTED COMPETENCE IN STANDARD PRECAUTIONS (SP): A SURVEY AMONG HEALTHCARE WORKERS (HCW) IN A MULTI-SITE HOSPITAL / D. Vuichard-Gysin - R. Fulchini - P. Kohler - M. Schlegel

P167 - HAND HYGIENE IMPROVEMENT STRATEGY IN LIGHT OF THE WHO MULTIMODAL HAN HYGIENE IMPROVEMENT STRATEGY IN A QUNTVARIOUS ZONE / B. Schock - I. F. Chaberny
P170 - ACCEPTABILITY OF WHO Hand Hygiene Reminders in Maternity Settings; Preliminary Results of a Mixed Methods Study / C. L. Dunlop* - C. Kilpatrick - M. Bonet - V. Brizuela - W. Graham - A. Thompson - L. Jones - D. Lissauer

P171 - Build It, Teach It, Check It, Sell It, Live It – A Conversation about Writing Your Playbook for IPC Improvement / J. Storr* - C. Kilpatrick


P184 - Device Associated Infection Rate and Bacterial Resistance in an Egyptian University Hospital / M. M. Abdelhalim* - M. M. El_Khliousy - R. A. Rabea

P185 - Incidence of Blood Stream Infection (BSI) Associated with Endoscopic Retrograde Cholangiopancreatology in a Tertiary Hospital; 3 Years Prospective Surveillance Study / V. Leharova* - R. Rodrigues - C. Frenette


P188 - Seasonal Incidence Trends of Surgical Site Infection - The Result of Active Surveillance Program of Polish Society of Hospital Infections / A. Rozanska - J. Wójkowska-Mach* - A. Jarynowski - M. Walaszek on behalf of Polish Society of Hospital Infections

P189 - Validation of an Instrument for Postoperative Surveillance in Surgical Site Infection / G. B. Guatura* - V. Poveda


P191 - Surveillance of Surgical Site Infections in India - Active Versus Passive Method / D. Sureshkumar* - S. Saravanakumar - J. Hemalatha - A. Jennifer


P194 - EMERGENCE OF ELIZABETHKINGIA MENINGOSEPTICA AND RALSTONIA PICKETTI IN CRITICALLY ILL PATIENTS – INNOCENT BYSTANDERS OR POTENTIAL THREAT? / M. C. Dimabuyu* - S. Santos - S. Abad Santos


P200 - DEVELOPMENT AND PILOT TESTING OF AN INFECTION PREVENTION AND CONTROL (IPC) TOOL FOR HUMANITARIAN RESPONSE TO OUTBREAKS AND NATURAL DISASTERS / D. Peters* - N. Stücke - F. Mattner

P201 - INFECTION PREVENTION AND CONTROL (IPC) IN NATURAL DISASTERS AND OUTBREAKS – EXPERIENCES FROM HUMANITARIAN RESPONSE TO TROPICAL CYCLONE (TC) IDAI IN MOZAMBIQUE, FOLLOWED BY AN OUTBREAK OF CHOLERA / D. Peter* - N. Stücke - F. Mattner

P202 - LONG-TERM CARE FACILITIES & NURSING HOMES


P205 - SCABIES IN NURSING HOMES: EXPERIENCES IN CANTON DE VAUD, SWITZERLAND? / D. Hequet - B. Sobgoui* - C. Petignat


P207 - INFECTION CONTROL MEASURES IN BAVARIAN LONG-TERM CARE FACILITIES – A SURVEY / T. Kolberg - C. Naß - S. Fries - G. Todorovic - G. Valenza - V. Lehner-Reindl - A. Zeckey - N. Frank* - C. Höller


P209 - INFECTION PREVENTION IN NURSING HOMES: A QUALITATIVE STUDY OF FAMILY PRACTITIONERS’ AND RESIDENTS' SUBJECTIVE NORMS, ATTITUDES AND BEHAVIORS WHILE VISITS / J. Hammerschmidt* - L. Heier - N. Ernstmann

P210 - RESPIRATORY SYNCYTIAL VIRUS, A THREAT FOR NURSING HOMES RESIDENTS? / D. Hequet - A. Rochat* - C. Petignat

P211 - IPC IN THE DEVELOPING WORLD

P212 - BEHAVIORAL AND ENVIRONMENTAL RISK FACTORS ASSOCIATED WITH NEONATAL SEPSIS IN UGANDAN HEALTHCARE FACILITIES / H. Yakubu* on behalf of Center for Global Safe WASH, Emory University


P217 - ABOUT DIFFICULTIES TO MAKE SUSTAINABLE IPC PROJECTS IN AFRICA: EXAMPLE OF FANN HOSPITAL IN SENEGAL / B. Ndyoe* - N. A. Lakhe - C. T. Diop

P218 - OCCUPATIONAL HEALTH


P223 - ABOUT DIFFICULTIES TO MAKE SUSTAINABLE IPC PROJECTS IN AFRICA: EXAMPLE OF FANN HOSPITAL IN SENEGAL / B. Ndyoe* - N. A. Lakhe - C. T. Diop

P224 - OCCUPATIONAL HEALTH

P225 - NEEDLE STICK INJURIES AMONG HEALTH CARE WORKERS IN A TERTIARY CARE TEACHING HOSPITAL IN PALESTINE, 2016-2018 / S. Belkebir - A. Kanaan* - R. Jeetawi

P226 - OCCUPATIONAL EXPOSURE TO BLOOD AND BODY FLUIDS AMONG HEALTHCARE WORKERS AT MARMARA UNIVERSITY EDUCATIONAL AND RESEARCH HOSPITAL IN ISTANBUL, TURKEY / D. N. M. Al-Khalili - A. A. I. Muhsen* - M. Karavus - N. S. Al-Kayyali


P228 - IMMUNITY EVALUATION AGAINST MEASLES IN EMERGENCY PERSONNEL IN A TERTIARY HOSPITAL / G. Cabrera_Tejada* - C. Villanueva_Ruiz - J. Barrenengoa_Sañudo - M. Hernández_Maldonado - V. Soler_Molina - J. G. Mora_Muriel - J. Sánchez_Páya

P229 - ASSESSING THE ATTITUDES OF HEALTHCARE WORKERS TO THE INFLUENZA VACCINE / N. Damani* - M. Borg

P230 - 5 YEAR SURVEY ON SHARP INJURIES AMONG HEALTHCARE WORKERS IN AN ACUTE CARE HOSPITAL IN SINGAPORE / H. M. L. Oh* - Q. S. Meng

P231 - A NATIONWIDE SURVEY ON THE HOSPITAL VACCINATION POLICIES IN SOUTH KOREA / S. H. Park* - M. Lee - S. R. Kim - Y. G. Kwak

P232 - ANIMAL-ASSISTED INTERVENTIONS IN A PRIVATE HOSPITAL IN SOUTHERN BRAZIL: HOW INFECTION PREVENTION AND CONTROL CAN CONTRIBUTE TO IT? / C. C. Ponzi* - N. V. Poleze - B. V. Biavatti - K. Catapan - L. J. C. de Mendonça on behalf of Programa Cão Amor, Unimed Chapecó

BUILDING AND ENVIRONMENT

P233 - MINIMUM BUILDING REQUIREMENTS OF HOSPITAL ISOLATION ROOMS FOR PATIENTS WITH HIGHLY CONTAGIOUS AND SEVERE INFECTIONS / M. J. Tielemans* - R. de Groot - J. Immerzeel - M. C. Vos


P235 - MICROBIAL CONTAMINATION OF OPERATING THEATERS AND INTENSIVE CARE UNITS AT A SURGICAL SPECIALTY HOSPITAL IN IRAQ / S. T. Baban* - P. Akram - D. Jalal


P238 - IMPLEMENTATION OF AN OPERATING ROOM PROGRAM FOR HYGIENE COMPLIANCE IMPROVEMENT IN 4TH MILITARY HOSPITAL IN WROCLAW / Z. Rucinska* - A. Rucinski

DISINFECTION / STERILIZATION / ENVIRONMENT 1


P241 - EVALUATION OF HIGH-LEVEL DISINFECTION OF GASTROINTESTINAL ENDOSCOPES / N. Nawar*


P244 - EPIDEMIOLOGY MONITORING OF ENVIRONMENTAL MICROBIAL CONTAMINATION IN THREE ACUTE HOSPITALS IN EMILIA-ROMAGNA REGION / M. F. Pedna* - M. Sanchi - F. Congestri - M. Fantini - M. Mazzotti - L. Melandri - V. Sambri

P245 - STUDY ON THE CORRELATION OF SMALL VOLUME NEBULIZER CLEANING FREQUENCY AND BACTERIAL COLONIZATION / H. C. Liang* - H. Mei Luan


P248 - HEALTHCARE FACILITY ENVIRONMENTAL CLEANING IN RESOURCE-LIMITED SETTINGS (RLS): DEFINING BEST PRACTICES AND DEVELOPING TOOLS FOR IMPLEMENTATION / M. Patrick - S. Mehtar - B. Park* - R. Smith

P249 - EVALUATION OF OPERATING ROOM SURFACES CLEANING AND DISINFECTION BY VISUAL INSPECTION, MICROBIOLOGICAL ANALYSIS AND ADENOSINE TRIPHOSPHATE / E. A. Silva Nascimento - V. De Brito Poveda*


P252 - STORAGE TIME EFFECTS ON THE BACTERICIDAL ACTIVITY OF QUATS DISINFECTANT-IMPREGNATED WIPES / X. Song* - A. Zille - L. Vossebein

Scientific Programme - Thursday 12 September 2019

**MEET THE EXPERT SESSION**

08:00 - 08:50 ROOM 01
Methicillin-resistant *Staphylococcus aureus* (MRSA) control in the United States vs Europe – success all over the place?

USA
John Jernigan (CDC, Atlanta)

Europe
Margreet Vos (NL)

08:00 - 08:50 ROOM 02
Improvement in staff behavior during surgical procedures to prevent surgical site infection?
Jean-Christophe Lucet (FR)

Inter-professional peer teaching approach for infection prevention in the operating room
Hugo Sax (CH)

08:00 - 08:50 ROOM 04
International survey of cleaning and disinfection practices
Pierre Parneix (FR)

Keeping hospitals clean: Where is the evidence?
Alexandra Peters (CH)

**MEET THE EXPERT SESSION**

08:00 - 08:50 ROOM 16
Community outbreak of HIV in Pakistan
Mahat Talaat (EG)

Hospital outbreak of viral hepatitis in Hong Kong
Vincent Cheng (HK)

08:00 - 08:50 ROOM 17
ISO norms for hand hygiene
Carolina Fankhauser (CH) & Christine Greene (US)

**MEET THE EXPERT SESSION**

08:00 - 08:50 ROOM 18
Vascular access
Chair: Walter Zingg (CH)

Catheter securement and infection prevention
Timothy Spencer (US)

Impact of vascular access teams on infection prevention
Amy Bardin (US)

**GENERAL SESSION**

09:00 - 10:30 ROOM 01
Healthcare-associated infections and the hospital environment
Chairs: Erica Hartmann (US) & Joost Hopman (NL)

09:00 - 09:20
The development of the hospital microbiome in a newly opened Charité hospital
Hortense Slevogt (DE)

09:20 - 09:40
Can copper help to prevent infections?
Mohamed Abbas (CH)

09:40 - 10:00
Results of a cluster RCT in 18 wards to compare cleaning, disinfection, and probiotic cleaning agent to reduce HAI
Rasmus Leistner (DE)

10:00 - 10:20
Invisible influence: Do biocides influence the indoor microbiome of hospitals and public buildings?
Erica Hartmann (US)

10:20 - 10:30
Discussion

**MEET THE EXPERT SESSION**

08:00 - 08:50 ROOM 02
Empowering key stakeholders in infection prevention and control
Chairs: Vanessa Carter (ZA) & Andrew Stewardson (AU)

09:00 - 09:20
How to empower the hospital director? Results of a cohort study to decrease HAI by training of hospital directors in infection prevention and control (IPC)
Sonja Hansen (DE)
09:20 - 09:40
Empowering patients to participate as equal partners in infection prevention and control (IPC)
Vanessa Carter (ZA)

09:40 - 10:00
How to empower ward nurses and the role of GAPIC (Global Alliance for Prevention and Infection Control)?
Ermira Tartari (MT)

10:00 - 10:20
How to get a better overview about my infection data?
Development of an infection prevention and control (IPC) management programme to support infection control nurses and doctors
Michael Behnke (DE)

10:20 - 10:30
Discussion

11:00 - 11:40 ROOM 01
Decolonization regimes to decrease central-venous catheter bloodstream infection
Chairs: Olivier Mimoz (FR) & Dan Morgan (US)

11:00 - 11:20
Results of a 3-armed cluster randomized controlled trial to reduce central venous catheter-associated bloodstream infections in 72 ICUs by three decolonization measures: chlorhexidine gluconate, octenidine or soap and water
Luisa Denkel (DE)

11:20 - 11:40
Impact of the three decolonization regimes on the skin microbiome
Hortense Slevogt (DE)

11:00 - 11:40 ROOM 02
What is minimum and most cost-effective for infection prevention and control (IPC) in settings with limited resources?
Chairs: Bassel Molaeb (SA) & Folosade Ogunsola (NG)

11:00 - 11:20
What are the minimum standards for infection prevention and control (IPC) in settings with limited resources?
Benjamin Park (CDC, Atlanta)

11:20 - 11:40
What is most cost-beneficial for infection prevention and control (IPC) in settings with limited resources?
Alessandro C. Cassini (WHO)

11:00 - 11:40 ROOM 03
Social aspects in infection control implementation
Chairs: Caroline Landelle (FR) & Hugo Sax (CH)

11:00 - 11:12
O11 - Social network analysis on the influence exerted by change agents to diffuse favourable HH behaviour in a developing country
Yew Fong Lee (MY)

11:12 - 11:24
O12 - Patient participation in healthcare workers’ hand hygiene audit: An exploratory study
Lori Côté (CA)

11:24 - 11:36
O13 - A national survey on the implementation of key infection prevention and control structures in German hospitals: Results from 736 hospitals conducting the who infection prevention and control assessment framework (IPCAF)
Seven Johannes Sam Aghdassi (DE)
### GENERAL SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Topic</th>
<th>Chairs</th>
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<tbody>
<tr>
<td>11:00</td>
<td>04</td>
<td>CDC Decennial review</td>
<td>Denise Cardo (CDC, Atlanta) &amp; Didier Pittet (CH)</td>
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<tr>
<td>11:45</td>
<td>03</td>
<td>Infection control surveillance revisited implementation</td>
<td>Sonja Hansen (DE) &amp; John Jernigan (CDC, Atlanta)</td>
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Speakers: Arjun Srinivasan & Benjamin Park (CDC, Atlanta)

### SPECIAL SESSION

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<th>Time</th>
<th>Room</th>
<th>Topic</th>
<th>Chairs</th>
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<tbody>
<tr>
<td>11:00</td>
<td>18</td>
<td>Vascular Access Track: Hands-on workshop</td>
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<tr>
<td>11:45</td>
<td>01</td>
<td>Hand Hygiene Excellence Award 2010-2019 and beyond</td>
<td>Didier Pittet (CH)</td>
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<tr>
<td>11:45</td>
<td>02</td>
<td>Generating high-quality evidence</td>
<td>Mariekie de Kraker (CH) &amp; Matthew Samore (US)</td>
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<tr>
<td>11:45</td>
<td>03</td>
<td>Revisiting infection control surveillance</td>
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### SLIDE SESSION

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<th>Chairs</th>
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<tbody>
<tr>
<td>11:45</td>
<td>03</td>
<td>Infection control surveillance revisited implementation</td>
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<tr>
<td>11:57</td>
<td>01</td>
<td>O14 - Workload indicators of staffing need as a tool to determine infection control staffing in hospitals: An observational study</td>
<td>Laxmitoj Wundavalli (IN)</td>
</tr>
<tr>
<td>11:57</td>
<td>02</td>
<td>O15 - Redefining whole genome SNP thresholds for distinguishing pathogenic bacterial isolates in clinical settings</td>
<td>Andrey Shelenkov (RU)</td>
</tr>
<tr>
<td>12:09</td>
<td>01</td>
<td>O16 - Validation of a semi-automated surveillance algorithm for deep surgical site infections after primary total hip or knee arthroplasty – interim analysis of a multicentre study</td>
<td>Janneke Verberk (NL)</td>
</tr>
<tr>
<td>12:21</td>
<td>01</td>
<td>O17 - Cluster analysis with antimicrobial resistance (AMR) data: Data from surveillance and monitoring systems in Germany</td>
<td>Beneditta Suwono (DE)</td>
</tr>
<tr>
<td>12:45</td>
<td>01</td>
<td>O19 - Environmental shedding of toxigenic <em>Clostridioides difficile</em> by asymptomatic patients</td>
<td>Mayan Gilboa (IL)</td>
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### INTEGRATED SYMPOSIUM

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<tr>
<th>Time</th>
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<th>Chairs</th>
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<tbody>
<tr>
<td>11:45</td>
<td>04</td>
<td>Swissnoso &amp; SSHH: Advances in infection control in Switzerland</td>
<td>Jean-Christophe Lucet (FR) &amp; Sarah Tscheudin-Sutter (CH)</td>
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Organised by: Swissnoso & Société Suisse d’Hgiène Hospitalière
### GENERAL SESSION

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<tr>
<th>Time</th>
<th>Room</th>
<th>Session Title</th>
<th>Chairs/Authors</th>
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<tbody>
<tr>
<td>14:30</td>
<td>02</td>
<td>Hand Hygiene: Monitoring and changing behavior</td>
<td>Fernando Bellissimo-Rodriguez (BR) &amp; Andreas Widmer (CH)</td>
</tr>
<tr>
<td>14:30</td>
<td>03</td>
<td>Antimicrobial stewardship</td>
<td>Julia Bielicki (UK) &amp; Arjun Srinivasan (CDC, Atlanta)</td>
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<tr>
<td>14:30</td>
<td>01</td>
<td>Effect of participating in a SSI surveillance network on the time trends of SSI rates</td>
<td>Mohamed Abbas (CH) &amp; Hilary Babcock (US)</td>
</tr>
<tr>
<td>14:50</td>
<td>01</td>
<td>What works and what does not? New WHO implementation strategy for SSI prevention</td>
<td>Benedetta Allegranzi (WHO)</td>
</tr>
<tr>
<td>15:10</td>
<td>01</td>
<td>While you were sleeping: Guidance for infection prevention in operating room anesthesia areas</td>
<td>Hilary Babcock (US)</td>
</tr>
<tr>
<td>15:30</td>
<td>01</td>
<td>Negative pressure wound treatment and SSI prevention</td>
<td>Loreen Herwaldt (US)</td>
</tr>
</tbody>
</table>

### LOW- AND MIDDLE-INCOME COUNTRY TRACK

- **Room 05 & 06**
  - **11:45 - 12:00**
    - Fishbowl: HAI surveillance with limited resources: challenges and opportunities
      - Introductory presentation
      - Chairs: Matthew Wastercamp (US) & Sara Tomczyk (DE)
- **11:45 - 12:00**
  - HAI surveillance with limited resources: challenges and opportunities
    - Maha Talaat (EG)
- **12:00 - 12:45**
  - Discussion with the audience
- **12:45 - 13:00**
  - Way forward
    - Rachel Smith (US) & Benedetta Allegranzi (WHO)

### LUNCH BREAK, POSTER VIEWING & VISIT OF THE EXHIBITION

### SPECIAL SESSION

- **13:15 - 14:15**
  - Guided poster tours

Refer to page 37 for detailed programme.
### Scientific Programme - Thursday 12 September 2019

**15:30 - 15:42**  
**O26** - Piloting the gamified antimicrobial stewardship decision support app (GADSA): increasing compliance with guidance for prescription of surgical antibiotic prophylaxis in Nigeria  
Caroline Evelyn Wood (UK)

### INTEGRATED SYMPOSIUM

**14:30 - 16:00**  
**ROOM 04**  
**Antiseptic agents in healthcare settings: Clinical use and legal perspectives from recently published data**  
Chairs: Philippe Eggimann (CH) & Olivier Mimoz (FR)

Refer to page 55 for detailed programme

### SPECIAL SESSION

**14:30 - 16:00**  
**ROOM 18**  
**Vascular Access Track: Hands-on workshop**

Refer to page 56 for detailed programme

**16:00 - 16:30**  
**COFFEE BREAK & VISIT OF THE EXHIBITION**

### GENERAL SESSION

**16:30 - 18:00**  
**ROOM 01**  
**A year in infection control**  
Chair: Stephan Harbarth (CH)

Speakers: Andreas Widmer (CH) & Andrew Stewardson (AU)

**16:30 - 16:50**  
**Understanding patients’ experiences of having HAIs**  
Kay Currie (UK)

**16:50 - 17:10**  
**Experiences and consequences of living with ESBL bacteria**  
Susanne Wiklund (SE)

**17:10 - 17:30**  
**Becoming patient centered: insight into CPE-positive patient’s experiences of clinical care**  
Barbara Slevin (IE)

**17:30 - 17:50**  
**The public face of infection - going beyond the statistics**  
Jason Tetro (CA)

**17:50 - 18:00**  
**Discussion**

### SLIDE SESSION

**16:30 - 18:00**  
**ROOM 03**  
**Hand hygiene**  
Chairs: Julie Storr (UK) & Wing-Hong Seto (HK)

**16:30 - 16:42**  
O27 - Prevention of cross-transmission before aseptic procedure (WHO moment 2) using a simplified method for hand hygiene  
Herve Soule (CH)

**16:42 - 16:54**  
O28 - Impact of the seventh multimodal country-wide campaign to promote hand hygiene in Belgian hospitals  
Hélène De Pauw (BE)

**16:54 - 17:06**  
O29 - Impact of the multimodal strategy for increasing hand hygiene compliance: Fourteen years’ experience in a middle-income country  
Emine Alp (TR)

**17:06 - 17:18**  
O30 - Impact of using a device providing individual feedback on healthcare workers hand hygiene behaviour: A stepped wedge cluster-randomized clinical trial (SmartRub®)  
Daniela Pires (CH)

**17:30 - 18:00**  
A year in infection control  
Chair: Stephan Harbarth (CH)

Speakers: Andreas Widmer (CH) & Andrew Stewardson (AU)

**16:30 - 18:00**  
**ROOM 02**  
**Patient’s experience of healthcare-associated infections, multi-drug resistant organism carriage or infection**  
Chairs: Yves Longtin (CA) & Denise Silber (FR)

### INTEGRATED SYMPOSIUM

**16:30 - 18:00**  
**ROOM 04**  
**Sporicidal and virucidal efficacy in the near patient area. What is really necessary?**  
Chair: Johannes Tatzel (DE)

Refer to page 55 for detailed programme
### Guided Poster Tours - Thursday 12 September 2019 - (13:15 - 14:15)

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<thead>
<tr>
<th>POSTER TOUR 1B – DEVICE-ASSOCIATED HAI</th>
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<tr>
<td>Chair: Jean-Christophe Lucet (FR)</td>
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<tr>
<td><strong>P261</strong> - Catheter securement impact on PICC-related CLABSI: does securement effect risk? / M. S. Rowe - T. Spencer*</td>
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<tr>
<td><strong>P263</strong> - Catheter-related bloodstream surveillance and a patient safety program: early joiners and unobserved improvement / T. van der Kooi* - E. Smid - J. Wille - S. de Greeff</td>
</tr>
<tr>
<td><strong>P266</strong> - Risk factors for acquisition of healthcare-associated infections and/or colonizations in intensive care units. A meta-analysis of case control and cohort studies / L. M. Parra Ramírez* - M. Cantero Caballero - J. Sierra Marticorena - Á. Asensio Vegas - F. J. García López</td>
</tr>
<tr>
<td><strong>P269</strong> - Local manufacture of alcohol based hand rub to promote hand hygiene in Ugandan health facilities / J. S. Nanyondo* - W. Omuut</td>
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<tr>
<th>POSTER TOUR 2B – HAND HYGIENE</th>
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<tbody>
<tr>
<td>Chair: Fernando Bellissimo-Rodriguez</td>
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<tr>
<td><strong>P370</strong> - Local manufacture of alcohol based hand rub to promote hand hygiene in Ugandan health facilities / J. S. Nanyondo* - W. Omuut</td>
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<tr>
<th>POSTER TOUR 3B – EDUCATION AND PATIENT PARTICIPATION</th>
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<tr>
<td>Chair: Yves Longtin (CA)</td>
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<tr>
<td><strong>P390</strong> - Patient involvement in the hand hygiene performed by healthcare workers and patients: perceptions and preferences using a validated questionnaire / J. Y. Kawagoe* - R. G. Barison</td>
</tr>
<tr>
<td><strong>P394</strong> - Improving infection prevention and control in recovery using in situ simulation / P. Silva* - M. Gomes - J. Cotterill - J. Shackleton - L. Everett</td>
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<tr>
<th>POSTER TOUR 4B – MRSA AND VRE</th>
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<tbody>
<tr>
<td>Chair: Joost Hopman (NL)</td>
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<tr>
<td><strong>P425</strong> - Prevention of cross-transmission after touching a patient (WHO moment 4) using a simplified method for hand hygiene / H. Soule* - D. Pires - J. Sauser - C. Fankhauser - M. Abbas - D. Pittet</td>
</tr>
<tr>
<td><strong>P429</strong> - Better feedback for hand hygiene with an innovative technical support system reduce of healthcare-associated infections (HAI) / P. Brass* - A. Waldhaus</td>
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<tr>
<td><strong>P432</strong> - Assessing the performance of SmartRub® for measuring hand hygiene action quality by health workers during a clinical planned path in a hospital ward / C. Guitart* - Y. A. Robert - S. Fourquier - Y. Martin - D. Pires - R. Beuchat - D. Pittet</td>
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<tr>
<th>POSTER TOUR 5B – TOUGH QUESTIONS AND FAIR PINAWARDS</th>
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<tbody>
<tr>
<td>Chair: Jean-Christophe Lucet (FR)</td>
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<tr>
<td><strong>P440</strong> - Prevalence of methicillin-resistant Staphylococcus aureus (MRSA) in acute care facilities / J. S. Nanyondo* - W. Omuut</td>
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<tr>
<td><strong>P441</strong> - MRSA screening strategy in a tertiary care hospital / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<td><strong>P442</strong> - MRSA infection and colonization in acute care settings / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<th>POSTER TOUR 6B – TRUE AND FALSE</th>
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<tbody>
<tr>
<td>Chair: Joost Hopman (NL)</td>
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<tr>
<td><strong>P450</strong> - True and false questions regarding MRSA infection and control / M. McGuckin* - J. A. Storr - J. Govednik</td>
</tr>
<tr>
<td><strong>P451</strong> - Clinical management of MRSA infection in acute care facilities / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<td><strong>P452</strong> - MRSA infection and colonization in acute care settings / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<th>POSTER TOUR 7B – LOCAL AND NATIONAL GUIDELINES</th>
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<tr>
<td>Chair: Joost Hopman (NL)</td>
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<tr>
<td><strong>P460</strong> - Local and national guidelines for MRSA infection and control / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<td><strong>P461</strong> - MRSA screening strategy in a tertiary care hospital / M. McGuckin* - J. A. Storr - J. Govednik</td>
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<tr>
<td><strong>P462</strong> - MRSA infection and colonization in acute care settings / M. McGuckin* - J. A. Storr - J. Govednik</td>
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P315 - IMPACT OF REGIONAL CHANGES IN VANCOMYCINE-RESISTANT ENTEROCOCCUS PREVENTION AND CONTROL ON INFECTION PRACTICES ON PROVINCIAL INFECTION RATES / S. Masson-Roy* - C. Garenc - J. Villeneuve - D. Moisan on behalf of Surveillance provincial des infections nosocomiales - Entérocoques résistants à la vancomycine (SPIN-ERV)


POSTER TOUR 5B – INNOVATION

Chair: John Conly (CA)

P405 - THE IMPACT OF QUALITY IMPROVEMENT METHODOLOGY TO IMPROVE INFECTION CONTROL PRACTICES / I. A. Bangura* - C. A. Conteh


P412 - COPPER-CONTAINING GLASS CERAMIC PARTICLES WITH HIGH MICROBICIDAL EFFICACY AGAINST ESKAPE PATHOGENS AND NON-ENVELOPED VIRUSES / J. Lahiri* - A. Golas - J. Kurzejewski - B. Balakrisnan - S. Caracci - P. Novak on behalf of Corning Incorporated

P413 - POTENTIAL FOR IMPROVEMENT OF MEDICAL DEVICES THROUGH ANTIMICROBIAL SURFACE COATING / S. Buhl* - M. Engelmann - R. Brückner - C. Bulitta

P416 - HOW TO DISPLAY RESULTS FOR RARE EVENTS USE OF G CHART FOR INFECTION SURVEILLANCE RESULTS / M. Walberg* - E. Brustad

P417 - GUIDELINE VDI 5706 “CLASSIFICATION AND DESIGN OF HYGIENICALLY RELEVANT AREAS IN CLINICAL SETTINGS” / C. Bulitta* on behalf of VDI FA Guideline VDI 5706

P418 - AN INNOVATED SYSTEM IDENTIFIES THE 5 MOMENTS AND HCWS TO END HAND-HYGIENE NON-COMPLIANCE: DECADES OF NON-COMPLIANCE IS A FAILURE OF THE SYSTEM, NOT OF HCW / R. Govindarajan*

POSTER TOUR 6B – SURVEILLANCE AND PUBLIC REPORTING

Chair: Gabriel Birgand (FR)


P458 - ON-SITE VALIDATION OF THE POINT PREVALENCE SURVEY OF HEALTHCARE ASSOCIATED INFECTIONS REVEALS DIFFICULTIES WITH RELIABLE CASE-FINDING IN THE NETHERLANDS / J. Wille* - T. Hopmans - K. Halonen


P463 - CROSS-BORDER IMPLEMENTATION OF THE INFECTION RISK SCAN (IRIS) IN 9 HOSPITALS (I-4-1-HEALTH PROJECT) / I. Willemsen* - M. Verelst - A. Schuermans - J. Kluytmans on behalf of i-4-1-Health study group

P469 - STATEWIDE SURVEILLANCE SYSTEM FOR ENDOPHTHALMITIS AFTER INVASIVE INTRAOCULAR PROCEDURES: PRELIMINARY DATA OF AN IMPLEMENTATION STUDY CASE / R. A. Luz - D. B. Assis - G. Madalosso - S. Timmons - M. C. Padoveze*
DEVICE-ASSOCIATED BLOODSTREAM INFECTIONS 2

P254 - OUTCOME OF MRSA CATHETER-RELATED INFECTION IN PATIENTS ON HEMODIALYSIS WITH CENTRAL VENOUS CATHETERS / V. Gerasimovska* - B. Gerasimovska Kitanovska


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P427 - IMPLEMENTATION OF AN AUTOMATED MONITORING SYSTEM IN TWO DIFFERENT WARDS OF A HOSPITAL / A. K. Witte* - M. Grohmann


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P463 - CROSS-BORDER IMPLEMENTATION OF THE INFECTION RISK SCAN (IRIS) IN 9 HOSPITALS (I-4-1-HEALTH PROJECT) / I. Willemsen* - M. Vereist - A. Schuermans - J. Kuijtmans on behalf of i-4-1-Health study group

P464 - INFECTION PREVENTION AND CONTROL PROGRAMS EVALUATIONS: AN EXPLORATORY COMPARATIVE STUDY OF CONTEMPORARY TOOLS / M. C. Padoveze* - L. M. Abraão - C. N. Júnior - P. A. Zimmerman

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P467 - STATEWIDE SURVEILLANCE SYSTEM FOR SURGICAL SITE INFECTION: RESULTS FROM SIX YEARS AFTER IMPLEMENTATION OF SELECTED PROCEDURES MONITORING / D. S. D. Mello - G. Maladoloso - D. B. D. Assis - M. C. Padoveze* 


P469 - STATEWIDE SURVEILLANCE SYSTEM FOR ENDOPHTHALMITIS AFTER INVASIVE INTRAOCULAR PROCEDURES: PRELIMINARY DATA OF AN IMPLEMENTATION STUDY CASE / R. A. Luz - D. B. Assis - G. Maladoloso - S. Timmons - M. C. Padoveze*

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P473 - IMPACT OF A PEDIATRIC INFECTIOUS DISEASE SPECIALIST FOR THE MANAGEMENT OF BACTEREMIA IN CHILDREN / M. Remillieux - J. Arata-Bardet - C. Masson - P. Pavese - Y. Caspar - C. Recule - D. Plantaz - J. P. Stahl - C. Bost-Bru - C. Landelle*

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P480 - STRONG REDUCTION OF ENVIRONMENTAL CONTAMINATION IN HOSPITALS IN THE DUTCH/BELGIAN BORDER AREA AS A RESULT OF IMPROVED CLEANING BASED ON ATP MEASUREMENTS / A. Van Arkel* - I. Willemsen - P. De Waegemaeker - I. Leroux-Roels - M. Verelst - J. Kluytmans on behalf of i-4-1 Health Study Group

P481 - PRACTICE-LIKE VIRUCIDAL EFFICACY TESTING OF DISINFECTANT WIPES IN THE 4-FIELD-TEST / S. Pahl - J. Steinmann - B. Becker - D. Paulmann - B. Bischoff - F. Brill*

P482 - FEASIBILITY OF LOCAL CHLORINE PRODUCTION FOR SURFACE DISINFECTION IN MALI HOSPITAL AND GABRIEL TOURE HOSPITAL IN BAMAKO (MALI) / A. T. Traore* - L. Bengaly - R. Sanogo - B. Kouriba

P483 - EFFICACY TESTING OF HOCl AS A DISINFECTANT FOR HIGH-RISK HPV / L. Robins - C. Meyers* - J. Milici - J. Williams - R. Robison


P485 - QUANTITATIVE SUSPENSION TEST FOR THE EVALUATION OF BASIC BACTERICIDAL ACTIVITY OF DISECT / A. Ziaeeemehr* - K. Ghazvini - M. Momen heravi - M. malekmohamadi - F. Moavenian

P486 - SENSITIVITY AND SPECIFICITY OF CLASS-5 CHEMICAL INDICATOR TO DETECT STEAM STERILIZATION FAILURES IN PUBLIC HOSPITALS IN NEPAL / G. Panta* - A. K. Richardson - I. C. Shaw


P493 - RISK ASSESSMENT OF MICROBIOLOGICAL CONTAMINATION OF HEATER-COOLER UNITS FOR EXTRACORPOREAL CIRCULATION / B. Grandbastien - D. S. Blanc - M. Limet Dutoit - E. De Stefano - M. Kirsch - L. Senn*

P494 - EXPANSION OF ULTRASOUND IN HEALTHCARE: CHALLENGES AND SOLUTIONS FOR INFECTION PREVENTION / R. Carrico

ICPIC CLIP AWARD

P495 - WASHING HAND FOR SAVING HUMAN LIFE / H. T. Phan

P496 - MELODY ON HAND HYGIENE INSPIRES THE PEOPLE OF VIETNAM / T. A. T. Le*


P498 - IT CAN PREVENT SEPTICEMIA AT HEALTH CARE SETTING. IT IS IN YOUR CAPACITY / H. T. Phan


P500 - THE HUMANITARIAN CITY / M. M. Solatorio* on behalf of Infection Prevention and Control Team, Environmental Services Department, Nursing Services Department, Public Relation, Quality Management, Rehabilitation Services Department

P501 - VIDEO CLIP OF E LEARNING OF HAND HYGIENE: CAMPAIGN “WE WILL BE CLEAN AND HEALTHY IF WE WASH OUR HANDS” / L. Mazzillo Vega*

CHLORHEXIDINE-BASED ANTIMICROPSIS


P504 - EFFECTIVENESS OF DAILY CHLORHEXIDINE BATHING TO REDUCE HOSPITAL ACQUIRED INFECTIONS AND COLONIZATIONS IN THE INTENSIVE CARE UNIT OF A TERTIARY CARE CENTER IN LEBANON / J. Tannous* - N. K. Zahreddine - T. Kardas - S. Kanj
P505 - EFFECT OF DAILY BATHING WITH CHLORHEXIDINE ON HEALTHCARE ASSOCIATED INFECTIONS CAUSED BY CARBAPENEMS RESISTANT GRAM-NEGATIVE BACTERIA / W. Huang* - F. Qiao - L. Wei - J. Lin - Z. Zong
Scientific Programme - Friday 13 September 2019

MEET THE EXPERT SESSION
08:00 - 08:50 ROOM 01
Ventilator-associated pneumonia prevention
Geneva intensive care unit experience
Caroline Landelle (FR)
The theory behind it
Jérôme Pugin (CH)

MEET THE EXPERT SESSION
08:00 - 08:50 ROOM 02
Fake news in infection control
From misinformation to fake news in infection prevention
Alexandra Peters (CH)
Impact of fake news on alcohol-based handrub use in France
Pierre Parneix (FR)

MEET THE EXPERT SESSION
08:00 - 08:50 ROOM 03
Prevention and control of carbapenem resistance in low and middle income countries
What are the most feasible approaches to make surveillance and screening happen in settings with limited resources?
Tim Walsh (UK)
Country experience to prevent and control carbapenem resistance with limited resources
Nizam Damani (UK)

MEET THE EXPERT SESSION
08:00 - 08:50 ROOM 05 & 06
Hand Hygiene World Café
Description: Hands on hand hygiene observations - Interactive discussion of practical examples.
Speakers: Benedetta Allegranzi (WHO) & Ermira Tartari (MT)

MEET THE EXPERT SESSION
08:00 - 08:50 ROOM 16
Staff immunization and post exposure management
Flu vaccination: should it be mandatory for all healthcare workers?
Anne Iten (CH)
Measles vaccination: should it be mandatory for all healthcare workers?
Shalini Desai (WHO)

GENERAL SESSION
09:00 - 10:30 ROOM 01
World Sepsis Day: worldwide initiatives
Chairs: Konrad Reinhart (DE) & Francesca Stingele (CH)
09:00 - 09:20
Severe infection: The patient perspective
Francesca Stingele (CH)
09:20 - 09:40
Bringing the fight against sepsis to the next level
Konrad Reinhart (DE)
09:40 - 10:00
Improving the prevention, diagnosis and clinical management of sepsis – the WHO perspectives
Janet Diaz (WHO)
10:00 - 10:20
Fighting and treating neonatal sepsis -- GARDP
Julia Bielicki (UK)
10:20 - 10:30
Discussion

SLIDE SESSION
09:00 - 10:30 ROOM 02
Multidrug resistant Gram-negatives
Chairs: Gabriel Birgand (FR) & Tim Walsh (UK)
09:00 - 09:12
034 - Effectiveness of a multimodal strategy to reduce carbapenem-resistant Klebsiella pneumoniae infections: The ten years’ experience of a 400 beds tertiary hospital in Northern Italy
Cristiano Alicino (IT)
09:12 - 09:24
035 - Household transmission of ESBL-producing Escherichia coli or Klebsiella pneumoniae after hospital discharge of a known ESBL carrier
Maria Eugenia Riccio (CH)
09:24 - 09:36
O36 - Co-carriage and acquisition of ESBL-producing Enterobacteriaceae among household members: A systematic review
Romain Martischang (CH)

09:36 - 09:48
O37 - Results of a five-year admission-screening for multidrug-resistant Gram-negative bacteria in a tertiary care center in Eastern Switzerland
Eva Lemmenmeier (CH)

09:48 - 10:00
O38 - No obvious impact of contact isolation discontinuation on nosocomial ESBL-Escherichia coli spread
Laurence Senn (CH)

10:00 - 10:12
O39 - Prevalence of MCR in Salmonella from hospital in South China
Yang Yu (CN)

10:12 - 10:24
O40 - Association of ultraviolet-C enhanced terminal room disinfection with hospital-onset Gram-negative bloodstream infection: Nationwide step-wedge time-series analysis
Michihiko Goto (US)

11:00 - 11:40 ROOM 01
Keynote Lecture
Chair: Alex Friedrich (NL)

From hygiene to infection prevention – Past, present and future of infection prevention and control (IPC) in Germany
Petra Gastmeier (DE)

11:00 - 11:12
O41 - Effect of daily chlorhexidine bathing on hospital-acquired infection in intensive care units
Frank Andreas Van Laer (BE)

11:12 - 11:24
O42 - Impact of chlorhexidine baths on suspected sepsis and bloodstream infections in hospitalized neonates in Zambia
Susan E Coffin (US)

11:24 - 11:36
O43 - Chlorhexidine oral topical application for critical patients: Savior or killer?
Fernando Bellissimo-Rodrigues (BR)

11:45 - 13:00 ROOM 02
Outbreaks and late breakers
Chairs: Carmen Pessoa (CH) & Matthew Samore (US)

11:45 - 12:09
O44 - Quelling Candida auris outbreak: The Candida auris prevention protocol - the fight beyond medicine
Kinta Alexander (US)

12:09 - 12:21
O46 - Measles outbreak in Hong Kong – from the Hong Kong international airport to the hospital
Shuk Ching WONG (HK)
SCIENTIFIC PROGRAMME - FRIDAY 13 SEPTEMBER 2019 / ICPIC CLIP AWARDS

**SLIDE SESSION**

11:45 - 13:00  
ROOM 03

Methicillin-resistant *Staphylococcus aureus* - Vancomycin-resistant *Enterococcus*  
Chairs: Alex Friedrich (NL) & Stephan Harbarth (CH)

11:45 - 11:57  
O47 - Genomic surveillance of methicillin-resistant *Staphylococcus aureus*: A mathematical early modelling study of cost effectiveness  
Amy Dymond (UK)

11:57 - 12:09  
O48 - Diagnostic accuracy and prediction of follow-up positive cultures by Xpert®-VanA/VanB assay from a selective enrichment broth during a VanB vancomycin-resistant *Enterococcus faecium* outbreak  
Vanja Piezzi (CH)

12:09 - 12:21  
O49 - Impact of the methicillin-resistant *Staphylococcus aureus* (MRSA) prevention program on isolation of MRSA from clinical cultures among long-term care residents in the US department of Veterans Affairs healthcare system  
Vanessa W. Stevens (US)

12:21 - 12:33  
O50 - Evaluating the cost-effectiveness of decolonization for prevention of Methicillin-resistant *Staphylococcus aureus* (MRSA) infections using a dynamic transmission model  
Richard E. Nelson (US)

12:33 - 12:45  
O51 - Methicillin-resistant *Staphylococcus aureus* (MRSA) prevalence among healthcare workers (HCW) in contact tracings in a Dutch teaching hospital, 2010-2017  
Veronica Weterings (NL)

12:45 - 12:57  
O52 - Vancomycin-resistant *Enterococcus* screening program and costs of three vancomycin-resistant *Enterococcus* outbreaks 2012, 2015 and 2018  
Lise Pruis (NL)

**CLOSING CEREMONY**

13:05 - 13:30  
ROOM 01

Award Ceremony  
ICPIC Best posters  
ICPIC Quiz  
ICPIC Prix Hubert Tuor: Innovation Academy  
ICPIC Cip

Closing Remarks

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**ICPIC CLIP AWARDS**  
**TUESDAY 10 - FRIDAY 13 SEPTEMBER 2019**

The ICPIC clips will be shown from Tuesday 10 September to Friday 13 September on a TV screen in the exhibition area.

Participants will be able to vote for their favorite clip online.  
Ultimate deadline for your vote: Thursday 12 September at 16:30.

The award winners will be announced in the closing & awards ceremony on Friday 13 September at 13:05 in Room 1.

P495 - WASHING HAND FOR SAVING HUMAN LIFE / H. T. Phan*

P496 - MELODY ON HAND HYGIENE INSPIRES THE PEOPLE OF VIETNAM / T. A. T. Le*


P498 - IT CAN PREVENT SEPTICEMIA AT HEALTH CARE SETTING. IT IS IN YOUR CAPACITY / H. T. Phan*


P500 - THE HUMANITARIAN CITY / M. M. Solatorio* on behalf of Infection Prevention and Control Team, Environmental Services Department, Nursing Services Department, Public Relation, Quality Management, Rehabilitation Services Department

P501 - VIDEO CLIP OF E LEARNING OF HAND HYGIENE: CAMPAIGN "WE WILL BE CLEAN AND HEALTHY IF WE WASH OUR HANDS" / L. Mazzillo Vega*
### SATELLITE SYMPOSIUM

**Tuesday 10 September 2019**

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<td>Welcome and Introduction</td>
<td>Claire Khosravi (NL)</td>
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<td>13:05 - 13:50</td>
<td>Automated room decontamination: Ready for the big time?</td>
<td>Jon Otter (UK)</td>
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<td>13:50 - 14:30</td>
<td>Targeted moments of environmental disinfection</td>
<td>Peter Teska (US)</td>
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**Wednesday 11 September 2019**

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<td>09:00 - 09:20</td>
<td>Mobilizing country IPC experts through Train-The-Trainers programs</td>
<td>Ermira Tartari (MT)</td>
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<td>09:20 - 09:40</td>
<td>Implementing hand hygiene change: The key role of nurses</td>
<td>Enrique Castro-Sanchez (UK)</td>
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<td>09:40 - 09:50</td>
<td>3 models for promoting success in Latin-America:</td>
<td>Hilda Marquez (MX)</td>
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<td>09:50 - 10:00</td>
<td>3 models for promoting success in Latin-America:</td>
<td>Marcela Hernandez (CR)</td>
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<td>10:00 - 10:10</td>
<td>3 models for promoting success in Latin-America:</td>
<td>Fernando Bellissimo-Rodrigues (BR)</td>
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<td>10:10 - 10:20</td>
<td>Asian differences and country-wide experiences</td>
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Organised by: [Diversey](#)
VASCULAR ACCESS TRACK: HANDS-ON WORKSHOP

09:00 - 10:30 ROOM 18
Risk reduction during central venous catheter insertion
Speakers: Amy Bardin, Rebekah Limato, Leanne Smith & Kristoff Steeno
Organised by: ARROW
from TELEFLEX

This session reviews infection prevention strategies used to optimize central venous catheter insertion and post insertion catheter care. Attendees perform hands-on device insertion demonstrating skin antisepsis, use of barrier precautions to include donning sterile attire, device insertion, doffing and catheter securement.

Learning objectives include:
1. Discuss/demonstrate proper hand hygiene and patient skin preparation, to include hair removal (pre-procedural)
2. Demonstrate proficiency in donning surgical attire (cap, mask, eye protection) sterile gown and gloves
3. Demonstrate proficiency in sterile skin preparation, patient draping and establishing a sterile field (working area)
4. Discuss rationale for use of maximal sterile barrier precautions and sterile (aseptic) technique
5. Demonstrate full insertion (Seldinger technique)
6. Describe proper catheter securement and dressing application
7. Discuss/demonstrate proficiency in donning surgical attire (gown and gloves)
8. Review catheter flushing
9. Review scrub the hub
10. Perform application of catheter dressing

09:00 - 10:30 ROOM 04
Fighting the challenge of carbapenemase-producing Enterobacteriaceae (CPE)
Chair: Yehuda Carmeli (IL)
Organised by: Cepheid

11:00 - 12:30 ROOM 18
Ultrasound-guided vascular access workshop – infection risk from ultrasound probes
Speakers: Ruth Carrico & Julien Laronze

Organised by: nanosonics
Infection Prevention. For life.

Ultrasound guidance in venous access has become increasingly accepted as best practice in recent years. A large body of evidence has demonstrated a reduction in complications when lines are placed under ultrasound guidance. However, the use of ultrasound in these settings has expanded rapidly and infection prevention processes have struggled to keep pace. In particular probes are often used without undergoing appropriate disinfection, without an appropriate probe cover and are often used with non-sterile ultrasound gel.

This session explores issues surrounding ultrasound use in venous access. An interactive discussion of clinical cases offers evidence-based understanding of these risks and practical application of appropriate disinfection processes into typical point-of-care workflow processes. This program is designed for those who have an interest in improving the use of ultrasound in vascular access and reducing vascular access associated infections.
Satellite Symposia, Integrated Symposia & Hands-on Workshop Programme

**VASCULAR ACCESS TRACK: HANDS-ON WORKSHOP**

**11:00 - 12:30**

**ROOM 18**

Infection prevention strategies during insertion of central venous access devices
Speaker: Mauro Pittiruti

Organised by: Braun

This workshop will be handled by Dr. Mauro Pittiruti (chief of the most important Italian association of venous access devices, GAVeCeLT, and chairman of the Scientific Committee of the WoCoVA Foundation – i.e. the World Conference on Vascular Access). In a short slide presentation, Dr. Pittiruti will offer an overview of the evidence-based strategies effective in reducing the risk of catheter-related bloodstream infections. After a video presentation of the proper technique of insertion of a centrally-inserted central catheter (CICC), a detailed simulation of the maneuver on live model will follow, with step-by-step discussion of all aspects of the procedure, with special emphasis on infection prevention.

**14:30 - 16:00**

**ROOM 18**

Infection prevention strategies during insertion of central venous access devices

Organised by: Braun

Repeat programme from the morning.

**INTEGRATED SYMPOSIUM**

**14:30 - 16:00**

**ROOM 04**

Antiseptic agents in healthcare settings: Clinical use and legal perspectives from recently published data
Chairs: Philippe Eggimann (CH) & Olivier Mimoz (FR)

Organised by: 3M

14:30 - 14:35

Introduction
Philippe Eggimann (CH)

14:35 - 14:55

Clinical perspectives on antiseptic usage: Risk assessment vs. clinical benefits
Olivier Mimoz (FR)

15:15 - 15:35

Latest evidence supporting the use of antiseptics impregnated incise drape to reduce the risk of wound contamination and SSI
Anders Odgaard (DK)

15:35 - 15:45

CABSI: How low can you go? Can patients participate?
Philippe Eggimann (CH)

15:45 - 16:00

Discussion

**16:30 - 18:00**

**ROOM 04**

Sporicidal and virucidal efficacy in the near patient area. What is really necessary?
Chair: Johannes Tatzel (DE)

Organised by: Braun

16:30 - 17:00

Current and future developments in sporicidal activity of biocides?
Sebastian Werner (DE)

17:00 - 17:30

What does limited spectrum virucidal efficacy mean for patient safety?
Maren Eggers (DE)

17:30 - 18:00

Discussion
Bursaries

Thanks to their generous support, the following young researchers or delegates from middle and lower income countries are able to attend IC PIC 2019:

Ahmed Samir Abutayeh (PS)
Abbas Mohajeran (IR)
Irandoohkt Mostafavi (IR)
Theodora Angele Ahoyo (BE)
Alain Kokou Assii (BE)
Arfin Merin Alexander (IN)
Hala abdalla Amer (EG)
Teke Apalata (ZA)
Arash Arianpoor (IR)
Zemnain Athish PK
Rachana Babu (IN)
Isata Adama Bangura (SL)
Mohamed Ben Rejeb (TN)
Moses Brown Bolongei (LR)
Laila Chaouci (MA)
Christiana Conteh (SL)
AOK Diallo (GN)
ADK Diallo (GN)
Salma ELHASSOUNI (MA)
Jehan Ali Ahmed Elkhol (EG)
Leninga Eng (KH)
Rosely De Figueiredo (BR)
Maha Ali Gad (EG)
Zakaria Gansane (BF)
Bin Gao (CN)
M. G. M. Elsherbeny (EG)
Gabrielle Bento Guaterra (BR)
Sakeena Hameem (LK)
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Teodora Ionescu (RO)
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Paul Katongole (UG)
Winfried Omuut (UG)
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V Kim Nguyen (VT)
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Ndeye Alassatou LAKHNE (SN)
Dewa P. C. K. A. Lal (LK)
Le Thanh Thuy (VT)
Yew Fong Lee (MY)
Nasim Lotfinejad (IR)
Michael David Ivan Lucas (ZA)
Emilia E. Lyonga Mbamayah (CM)
Herberth G. Maldonado (GT)
Lydia Z Mianue (LR)
Floridea Joseph Muro (TZ)
Nicolie Mayulu (CM)
Judith Semanda Nanyondo (UG)
Ndongo N. E. Georgette (CM)
Babacar Ndiaye (SN)
Maurine A. E. N’guiachi (CI)
Winfried Omuut (UG)
Mary O. Onoja-Alexander (NG)
Oksana Orliva (RU)
Charles Ayodeji Osunla (NL)
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Vincent Olassa Pinheiro (NG)
Gholamreza Pouladfar (IR)
Siti Shuhaida Samsudin (MY)
Konsam C. C. Savadogo (BF)
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Prabin Shrestha (NP)
Udaya Pratap Singh (IN)

ICPIC 2019 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 and middle-income countries to the conference.

Travel Fellowships

ICPIC 2019 would like to thank the following private donors for their contribution to the travel bursaries:

Donations from participants

APIC - Association for Professionals in Infection Control & Epidemiology
Prof. Stephan Harbarth
Prof. Didier Pittet
Prof. Andreas Widmer

ICPIC 2019 would like to thank the following private donors for their contribution to the travel bursaries:

Mona Abdelhalim (EG)
Zaina Ali Maskari (OM)
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Faisal Alasmari (SA)
Alfanah Alvreibah (SA)
Fatmata Alsulaib (SA)
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Gaeland O’Dohougue (CN)
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Lorna Polyang (PH)
Maria Pedna (IT)
Pimrin Pfister (CH)
Lorna Pale (CA)
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“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 2019 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. First introduced at ICPIC 2011 in an Infection Prevention and Control Meeting, the Innovation Academy is 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 a trophy. Importantly, since 2011, all winners of the Academy Award have become companies in the following years. Don’t miss the opportunity to discover the most innovative approaches of tomorrow’s infection prevention and control.

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 11 September  13:15 - 14:15 (Poster Area)

**Prix Hubert Tuor - ICPIC Innovation Academy - the Pitch**
Wednesday 11 September  14:30 - 16:00 (Room 01)

**Prix Hubert Tuor - ICPIC Innovation Academy - the Finals**
Friday 13 September  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 prevention and 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 - Wednesday 11 September / 11:45 - 13:00** - 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?

See page 15 for the full programme.
Ultraviolet just got focused.

MoonBeam™3

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Unlike others in the market, MoonBeam™3 has 3 adjustable arms for creating the optimal angle to ensure disinfection is delivered where you need it most.

To find out more, visit us at stands 1 & 2

*3 log reduction in 3 minutes © 2019 Diversey, Inc. All Rights Reserved. 80760 en 08/19
During the 5th ICPIC Conference, an attractive exhibition is presented to all delegates. Catering will be served in the exhibition area.

**EXHIBITION OPENING HOURS**

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