



18th International HL7 Interoperability Conference (IHIC 2018)

The 18th International HL7 Interoperability Conference (IHIC 2018) will be held from 11-12 July 2018 at the University of Portsmouth, UK. The meeting will be hosted by HL7 UK, with support from HL7 Germany as permanent IHIC supporter. Other HL7 Affiliates and groups interested in improving interoperability are invited to support the event. The motto of the 2018 conference is

Mastering the Interoperability Challenge

The IHIC is a forum for implementers and scientists to present and discuss concepts, models and implementations for innovative interoperable e-Health solutions. The conference aims to play the role of an interface between science, research and practice with regards to interoperability in the health and social care domain to share experiences and best practices. It will present scientific papers on the one hand and demonstrations, practice reports, success and failure stories on the other hand.

Based on the good experiences gained at former IHICs, the conference will start with some Tutorials included in the IHIC registration fee, pushing the dissemination of knowledge about HL7 globally. Furthermore, we plan a workshop to update on the status of projects HL7 is involved nationally, regionally and globally. As every year, one highlight of the conference will be the announcement of the “Joachim W. Dudeck Award” for the best paper of a young author. More details can be found at the end of this Call.

Agenda

- 11 July 2018:
 - 12:30-16:30: Tutorials & Workshop
 - 16:45-17:30: Opening session with Welcome Address and Keynote
 - From 18:30: Social event at the HMS Warrior
- 12 July 2018:
 - 9:00-17:00 Main Conference with paper, report as well as short abstract presentations, and the Joachim W. Dudeck Award Ceremony

Audience

The intended audience encompasses all who have developed, implemented, investigated, or otherwise used any HL7s standards or worked with related health and social care interoperability challenges.

Implementers and Users

We invite implementers (representing healthcare providers and software vendors) to present their implementation experiences, success stories, requirements needs, assessments of standards, etc.

All suggested proposals will be reviewed by the Program Committee to ensure a good quality as well as a balanced series of presentations. In order to facilitate evaluation and dissemination of these experiences, attendees are requested to submit short practice reports, possibly also allowing that their presentations be recorded. The practice reports will be published as part of the local conference proceedings. Presentations and recordings will be made available on the conference website after the meeting.

Scientists and Researchers

We invite scientists to submit papers to be presented in the conference and be published in the IHIC 2018 Special Issue of the European Journal for Biomedical Informatics (<https://www.ejbi.org/>).

All papers will be reviewed by at least two independent reviewers. Out of the accepted contributions, selected papers will be published in the IHIC 2018 Special Issue of the European Journal for Biomedical Informatics, while the others, classified as reports or short abstracts, will be published in the local conference proceedings. The presentations will be made available on the IHIC 2018 Website after the meeting.

The best scientific paper by a young author (<35y) will be awarded with the “Joachim W. Dudeck Award” (see the final page of this announcement for details).

Topics

Papers should contribute, but are not limited to the following non-exclusive list of topics:

- The advancement of interoperability
- Harmonization of interoperability standards and specifications among different SDOs
- Terminology and ontology challenge of interoperability
- Concepts and frameworks for Smart Interoperability Infrastructure Services
- Local, regional or national Electronic Health Records solutions
- Business Intelligence and Clinical Decision Support
- Security, safety and privacy
- Specification and implementation tools
- FHIR and CDA – controversy, coexistence, or synergy?
- “Show me your CDA” – CDA implementations at all levels
- Creating new clinical and integrated care pathways through effective information exchange
- Enabling patient and healthcare providers to interact in the new digital economy (mHealth, Internet of Things, cloud computing and many more)

- Handling patient consent and electronic identity in distributed healthcare settings

Submission and Format

Manuscripts must not exceed 5000 words and must strictly follow the instructions for authors (EJBI Template) available at the Conference Website.

Papers are to be submitted electronically at the IHIC Submission System

<https://easychair.org/conferences/?conf=ihic20178> before 11 March 2018 (final deadline).

Important Dates:

- Announcement of the call for papers: **22 January 2018**
- Deadline for submissions: **11 March 2018**
- Evaluation and notification: **11 April 2018**
- Camera-ready papers due: **15 May 2018**
- IHIC 2017: **11-12 July 2018**

IHIC 2018 Scientific Program Committee

- Bernd Blobel (Co-Chair), Germany
- Philip Scott (Co-Chair), United Kingdom
- Alexander Berler, Greece
- Giorgio Cangioli, Italy
- Daniel Carlson, Sweden
- Heike Dewenter, Germany
- Christof Gessner, Germany
- Edward Hammond, United States of America
- Francois Macary, France
- Alexander Mense, Austria
- Juha Mykkanen, Finland

IHIC 2018 Local Organising Committee

- Philip Scott (Co-Chair), United Kingdom
- Kai Heitmann (Co-Chair), Germany
- Jim Briggs, United Kingdom

Conference Website: <http://ihic.info/2018>

Contact: info@ihic2018.uk

Joachim W. Dudeck Award

Since 2011, HL7 International annually bestows the Joachim W. Dudeck Award, awarded by the HL7 International Council on the occasion of the International HL7 Interoperability Conference.

The Award distinguishes extraordinary achievements in developing and/or implementing HL7-based interoperability solutions as well as promoting the use of HL7 and its harmonization with other specifications performed by young HL7 community members.

The Award has been launched in memory and honour of the outstanding physician, scientist, lecturer and standards developer Joachim W. Dudeck (Giessen, Germany). Joachim Dudeck was the founder and long term Chair of HL7 Germany, the first Affiliate Director at the HL7 Board of Directors, and author or contributor of many specifications around HL7 and XML in Health Informatics.

A jury – the Joachim W. Dudeck Award Committee – consisting of 6 acknowledged scientists and standardization experts headed by the acting HL7 Germany Chair decides on the bestowment of this Award to one author of a paper submission to the International HL7 Interoperability Conference, who is younger than 35 years.

This Award is worth US\$ 1000, which was kindly donated by HL7 International, and is completed by a “Joachim W. Dudeck Award” plaque donated by HL7 Germany.

The paper must be written in English.