

Dear IFIP Community,

we would like to draw your attention to several events taking place in the coming weeks celebrating #ifip60. These include panels in the *Future of Information Processing* Event Series, as well as upcoming IFIP Jubilee Events hosted by member societies. Please feel free to circulate these events in your respective networks to raise awareness for our anniversary celebrations!

Future of Information Processing Event Series

The Silent Revolution: Software as the Technological Fabric of Society
30 August 15:00-16:15 CEST

30 August
15:00-16:15 CEST

The Silent Revolution:
Software as the Technological Fabric of Society

Moderated by:

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|---|--|---|---|---|
|  Greg Morrisett Cornell Tech |  Julia Lawall INRIA |  Jakob Rehof TU Dortmund/ Fraunhofer ISST |  Reinhard Wilhelm Universität des Saarlandes/ AbsInt |  Fritz Henglein University of Copenhagen/Deon Digital |
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IFIP 60th Anniversary *Future of Information Processing* Event Series

Software has been at the center of a silent revolution: from an ancillary role to computer hardware, it has emerged as the technological fabric of a globally interconnected society. This has been fueled by generally unnoticed, yet visionary under-the-hood advances in software theory and practice at academic and industrial institutions, fostered by IFIP's provision of long-term technical fora. In this session thought leaders from academia and industry will discuss the role and impact of principled design, methodology and implementation of high-level programming languages in this silent revolution. They will reflect not only on the increasingly severe demands on software safety, security and productivity in today's systems, but also on advancing languages and their algorithmic calculi, formal verification, automated analysis and synthesis as under-the-hood facilitators of tomorrow's artificially intelligent, data-driven, robotic, interconnected-device-based, decentralized and parallel systems.

More information and registration link are available [here](#)

Digital Twin for Cyber-physical Production Systems

13 September 14.00-15.15 CEST

13 September
14:00-15:15 CEST

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Digital Twin for Cyber-physical Production Systems

Moderated by:

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|  |  |  |  |  |
| Franco Fummi University of Verona | Samarjit Chakraborty UNC at Chapel Hill | Arquimedes Canedo Siemens | Achim Rettberg University of Applied Sciences Hamm-Lippstadt | Graziano Pravadell University of Verona |

IFIP 60th Anniversary *Future of Information Processing* Event Series

Cyber Physical Systems (CPS) are one of the pillars for the new industrial revolution, which is marked by the decentralization of production processes as well as the proliferation of interconnected intelligent devices throughout the production and logistics chain. Embedded computers and networks monitor and control the physical processes with feedback loops in which physical processes affect computations and vice versa. An industrial automation system is an example of CPS where computational elements control and automate the execution of physical processes in industrial plants. Thus, it is clear the need to connect physical objects to information associated with these objects in the cyber world. In CPS, for each product, machine or equipment, a virtual (logical) representation needs to be developed with its actual physical description. This process is known as virtualization and its product, the digital twin, is one of the consequences of Industry 4.0.

More information and registration link are available [here](#)

Strategic Collaboration of Certification and Education on Data Science 27 September 15.00-16.15 CEST

27 September
15:00-16:15 CEST

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Strategic Collaboration of Certification and Education on Data Science

Moderated by:

Tetsuro Kakeshita
Information Processing Society of Japan

Yuri Demchenko
Edison Data Science Project

Boots Cassel
ACM Data Science Task Force

Kewal Dhariwal
Institute of the Certification of Computing Professionals

Moira de Roche
IP3 / IITPSA

IFIP 60th Anniversary *Future of Information Processing* Event Series

This session will introduce recent developments around the globe in education and certification in data science. The COVID-19 pandemic has propelled digital transformations such as online education and telework. Such digital technology can accelerate mutual collaboration among data science educators, leading to an ecosystem suitable for providing data science training for people at all skill levels.

More information and registration link are available [here](#)

IFIP Code of Ethics and Professional Conduct: A Document for its Time 4 October 15:00-16.15 CEST

4 October
15:00-16:15 CEST

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IFIP Code of Ethics and Professional Conduct: A Document for its Time

Moderated by:

Don Gotterbarn
University of Tennessee

Kai Rannenberg
Goethe University Frankfurt

Moira de Roche
IP3 / IITPSA

Kai Kimppa
University of Turku

David Kreps
National University of Galway

IFIP 60th Anniversary *Future of Information Processing* Event Series

In this session, some of the creators of the IFIP Code of Ethics and Professional Conduct will gather to talk about the Code's importance. In today's rapidly transforming digital landscape, it is vital to set explicit boundaries and outline clear

values. To quote from the Code's preamble: "The entire computing profession benefits when the ethical decision-making process is accountable to and transparent to all stakeholders. Open discussions about ethical issues promote this accountability and transparency.

More information and registration link are available [here](#)

IFIP Jubilee Events hosted by Member Societies

Panel Discussion on Digital Citizenship, Safety and Hygiene

31 August 18:30-20:30 Sri Lanka Time

VIRTUAL EVENT
THE LAUNCH OF
We Think Digital
Train the trainer programme for Ministry of Education

Chief Guest
Mr. E. M. S. Ekanayake
Chief Commissioner - Teacher Education Administration Branch, Ministry of Education

Damith Hettihewa
President - CSSL

Yasas Vishuddhi Abeywickrama
Facebook

Senura Abeywardena
Facebook

Followed by
PANEL DISCUSSION ON DIGITAL CITIZENSHIP, SAFETY AND HYGIENE

Prof. Rohan Samarajiva
Chair, LIRNEasia

Mr. R.M.M Rathnayake
Additional Secretary, Ministry of Education

Anura De Alwis
Chief Digital Economy Officer, ICTA

Geraldine Lim
Facebook

Maithree Malwattagoda
General Manager, Sarvodaya Fusion

Nalaka Gunawardena
Digital Media Activist

Moderated By
Indika De Zoysa
CSSL Ex-co Member

31st August 2021 | Time : 6.30 p.m. - 8.30 pm

Made possible by
45th **CSSL** **FACEBOOK**
COMPUTER SOCIETY OF SRI LANKA

IFIP Member Event
ifip
International Federation for information Processing

Scan the QR code or register @ www.cssl.lk

More info : info@cssl.lk, events@cssl.lk, 011 471 3336

The Computer Society of Sri Lanka (CSSL) under its ENGAGE pillar of 2021 strategy framework has scheduled an on-line event with a Panel Discussion on the "Digital

Safety and Hygiene". This event is organized as a IFIP Member Event under IFIP 60th Anniversary Celebrations by Computer Society of Sri Lanka. The event panelists are government and private sector domain experts, civil society opinion leaders on Social media, a women activist and a senior official of the sponsor.

Registration is available [here](#)

Frontier Technologies for Sustainable Development: Opportunities and Challenges

29 September 14:00-18.30 AEST



This event will provide an open forum for experts, thought leaders and researchers to talk about how emerging technologies such as artificial intelligence, smart sensing, knowledge discovery and data analytics can support sustainable development in the area of health, wellbeing and equality. The main objective is to discuss about the opportunities, challenges, and potential solutions. This event will target a wide range of audiences including students, researchers, industries, and government agencies.

More information and registration link are available [here](#)

INFORMATIK 2021 - 51st Annual Conference of the German Informatics Society
27 September - 1 October



The INFORMATIK is the official annual conference of the German Informatics Society (GI) – the largest association of computer scientists in the German-speaking world – and is held annually at changing locations. In 2021, INFORMATIK will take place online and in Berlin, with a focus on sustainability.

Topics such as Green IT, resource conservation, use of smart technologies and system optimization dominate the discussion on where and how sustainable informatics can assist a sustainable development. At INFORMATIK 2021, we bring together experts from the spheres of science, politics and business, highlight social and political contexts and seek dialog with all interested parties. INFORMATIK 2021 addresses the following four fields of action in informatics: ecological, economic, social and technological.

More information and tickets are available [here](#)

ITARC 2021 – A conference for IT Architects
18-19 October

The poster features a dark blue background on the left with white and yellow text. On the right, there is a photograph of a conference stage with a man in a suit and a woman in a red floral dress. The IFIP 60 Years logo is in the top left, and the ITARC logo is in the top right of the text area. The main title 'ITARC 2021' is prominent, followed by the subtitle 'A conference for IT-architects'. The theme 'The Rorschach Architect - What kind of architect do you want to be in the future?' is written in a smaller font. The dates 'October 18th-19th' and location 'Stockholm & Online' are listed below. At the bottom, it says 'GET YOUR TICKETS: itarc.nu'.

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ITARC 2021
A conference for IT-architects

*The Rorschach Architect -
What kind of architect do you
want to be in the future?*

October 18th-19th
Stockholm & Online

GET YOUR TICKETS: itarc.nu

 **ITARC**

ITARC is an annual conference for IT architects, now online for the 14th time in Stockholm, Sweden. The theme for 2021 is THE RORSCHACH ARCHITECT – What kind of architect do you want to be in the future? The program will focus on presenting cutting-edge ideas, forcing attendees to constantly reflect on where these ideas fit or don't fit with their own personal view of architecture. Keynote speaker is Professor Megan Reitz. Among others are Whynde Kuehn, Matthew Skelton, Professor Jan Bosch, and Barry O'Reilly. Please see the complete program at itarc.nu.

More information and tickets are available [here](#)