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

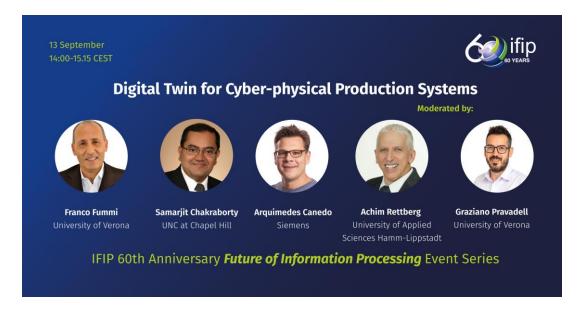


Software has been at the center of a silent revolution: from an ancillary role to computer hardware, it has emerged as the technological fabric of a globally interconnected society. This has been fueled by generally unnoticed, yet visionary under-the-hood advances in software theory and practice at academic 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



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



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



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



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



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