Biography

Alberto Sillitti, Ph.D., PEng is Full Professor at the Faculty of Computer Science and Engineering of the Innopolis University (Russian Federation) where he leads the Cyber-Physical Systems Lab and is the Director of the Institute of Information Systems. He holds a PhD in Electrical and Computer Engineering received from the University of Genoa (Italy) in 2005.

Alberto Sillitti has been involved in several EU funded projects related to Open Source Software, Service-Oriented Architectures, Agile Methods, and Mobile and Embedded Systems in which he applies non-invasive measurement approaches. He has served as member of the program committee of several international conferences and as program chair of the International Conference on Open Source Systems (OSS 2007) and International Conference on eXtreme Programming and Agile Processes in Software Engineering (XP 2010 and XP 2011). He is one of the founders of the International Conference in Software Engineering for Defense Applications (SEDA) for which he served as program chair in 2012, 2013, and 2014 and as general chair in 2018. He has been the director of the International CASE Summer School on Practical Experimentation in Software Engineering from 2011 to 2014.

Alberto Sillitti served in a number of scientific associations: chairman (2012-2015) and vice-chairman (2015-2017) of the IFIP Working Group 2.13 on Open Source Systems; founding member of the Italian Association for Software Engineering (founded in 2013); founding member of the Defense & Security Software Engineers Association (founded in 2015) where he serves as vice-chairman of the Research and Innovation Working Group; member of the board of the International Chapter of AICA (Italian Association for Computer Science and Automated Computation).

Moreover, he is a reviewer for national and international grant providers such as: the European Commission; the Italian Ministry of Education, University, and Research; the Slovenian Research Agency; the Vienna Science and Technology Fund; and many more.

His research areas include open source development, agile methods, empirical software engineering, non-invasive measurement, software quality, cyber-physical systems, mobile and web services. In the last few years he has focused on mobile and energy-aware software development and quality for cyber-physical system. He is author of more than 150 papers published in international conferences and journals.

Statement

Software is a major component of everyone’s life even if most of the people are not aware of it. Such pervasiveness requires an increasing effort for professional software engineers in producing high quality software that is the core part of more complex environments. This integration is a major challenge for software engineering and a huge business opportunity that will affect our entire life.

In this context, I think that the TCSE should support strongly:
• The education of young professionals.
• The constant improvement of the quality of software improving the user awareness.
• The development of a cohesive community of scientist and professionals also through a continuous exchange of ideas.

It would be an honor and a privilege for me to serve in the Executive Committee of the IEEE TCSE.

Kind regards,
Alberto Sillitti