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# CALL FOR PAPERS
# Special Issue on the Future Internet

Recent dramatic changes such as the rising number of Internet users, the penetration of portable and mobile devices, or the Internet of Things, have motivated a number of research initiatives, labeled "Future Internet" worldwide, supported by NSF in the USA and EU research framework programs in Europe. In Hungary, the on-going "Future Internet Research, Services and Technology – FIRST" project, supported by the European Social Fund focuses on key theoretical, modeling, planning, application and experimental aspects of Future Internet.

Our journal is calling for original and unpublished contributions to this important area that will be peer-reviewed. Selected papers will appear in a two-part Special Issue to be published in September and December of 2014. Original and unpublished papers should be submitted by 30th of July, and by 30th of September in the form of pdf files in IEEE format according to the formatting instructions available at *http://www.ieee.org/ publications_standards/publications/authors/authors_journals.html#sect2*

Contributions are expected from the following areas:

- The science of the Internet (basic research issues)
- Modeling, analysis and network design
- Network architectures for the Future Internet
- 3D Internet
- Internet of Things
- Cyber-physical systems and their applications
- Data and content technologies
- Cognitive infocommunications
- Community applications
- Standardization and regulatory issues
- Experimental systems
- Internet economics

Papers from the FIRST research community are particularly welcome, but the call is fully open to all authors wishing to share their research results in one of the fields listed above.

### Guest Editors:

**GYULA SALLAI** received MSc degree from the Budapest University of Technology and Economics (BME), PhD and DSc degrees from the Hungarian Academy of Sciences (MTA), all in telecommunications. He was senior researcher in telecommunication network planning, then research director, strategic director, later deputy CEO with the Hungarian Telecom Company; then international vice president, after that executive vice president for the ICT regulation with the Communication Authority of Hungary. From 2002 to 2010 he was the head of the Department of Telecommunications and Media Informatics of the BME, and from 2004 to 2008 the vice-rector of the BME as well. From 2005 to 2011 he was also the chairman of the Telecommunication Committee of the MTA and the president of the Hungarian Scientific Association for Infocommunications (HTE). Recently he is full-professor at the BME, Scientific Director of Future Internet Research Coordination Centre, member of the FIRST Project Council and honorary president of the HTE. His main fields of interest are the ICT trends, strategic, management and regulatory issues, Future Internet engineering.

**WOLFGANG SCHREINER** is since 2004 associate professor of the Research Institute for Symbolic Computation (RISC) at the Johannes Kepler University Linz, Austria. His research areas are formal methods and parallel and distributed computing; he has directed in these areas various national and international research and development projects, participated in the program committees of 90 conferences, served as evaluator for various European projects, and is member of the editorial board of the Journal of Universal Computer Science. Prof. Schreiner has (co-)authored 13 book chapters, 9 journal publications, 46 other refereed publications, 12 non-refereed publications and 70 technical reports.

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