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- 致ITU-T部门成员、部门准成员、学术成员及相关国际组织、区域性组织和国家组织;

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事由: **2014年“生活在融合世界中 – 没有标准寸步难行?”大视野会议活动**
– 2014年6月3-5日, 俄罗斯联邦彼得堡

尊敬的先生/女士,

1 大视野会议活动是国际电联为加强与其学术界和研究机构的合作而开展的举措。我高兴地向您通报, 第六届系列同行评审学术大会将作为该举措的一部分举办, 目的在于增强从事标准化和信息通信技术 (ICT) 领域工作的学术界与专家之间的对话。应俄联邦主管部门的盛情邀请, 2014年“生活在融合世界中 – 没有标准寸步难行?”大视野会议活动将于2014年6月3-5日在俄罗斯圣彼得堡的圣彼得堡国立电信大学 (Bonch-Bruевич Saint-Petersburg State University of Telecommunications (SPbSUT)) 举办。

2 我们相信, 未来技术应以提高人们的生活质量为设计理念。2014年大视野会议活动将凸显ICT服务和应用的未来标准需顾及社会经济、文化、伦理道德、法律及可持续发展政策等内容。该活动还将确定可增强信息社会包容性的方方面面, 同时讨论残疾人的需求以及使不同国家、讲各种语言的人们无障碍获取标准的必要性。

3 2014年大视野会议活动正在进行原创学术论文的征稿, 希望论文能够以当今具有ICT依赖性的世界中行业与技术的融合为主题, 提出大胆创新的标准研发方案。征稿函全文见附件1。论文提交截止日期为**2013年11月25日**。

4 国际电联成员国、部门成员、部门准成员和学术机构以及愿参与此工作的来自国际电联成员国的任何个人均可参加。这里所指的“个人”亦包括作为国际、区域和国家组织成员的个人。此活动不收取任何费用, 但亦不发放与会补贴。

5 讲座和海报宣传活动亦是2014年大视野会议活动内容的一部分。此外还将举办当地大学展示会。活动将为俄罗斯学术界与ICT标准化专家、行业代表和学术界之间交流思想并了解项目情况提供机遇。

6 我们鼓励所有国际电联成员在各自国家的学术界推广此类活动。

7 有关注册和会议后勤服务的详细信息将在临近大会时在活动网页：<http://www.itu-kaleidoscope.org/2014>上提供。**请注意，讲习班与会者的预注册将仅以在线方式进行。**

8 我们谨在此提醒您，一些国家的公民需要获得签证才能入境俄罗斯联邦并逗留。为此，需要向驻贵国的俄罗斯联邦代表机构（使馆或领事馆）申领签证。如贵国没有此类机构，则请向驻离出发国最近的国家的此类机构申领。需要东道国为申办入境签证提供帮助的与会者，请查询大视野会议活动网页<http://www.itu-kaleidoscope.org/2014>。相关信息将尽快发布。

顺致敬意！

[原件已签]

秘书长

哈玛德·图埃博士

附件：1件

ANNEX 1
(to Circular 158)

Living in a converged world – impossible without standards?

The 6th ITU Kaleidoscope academic conference

3-5 June 2014, St. Petersburg, Russian Federation

Call for Papers

Kaleidoscope 2014: *Living in a converged world - impossible without standards?* is the sixth in a series of peer-reviewed academic conferences organized by ITU that bring together a wide range of views from universities, industry and research institutions. The aim of Kaleidoscope conferences is to identify emerging developments in information and communication technologies (ICTs) and, in particular, areas in need of international standards to support the development of successful products and services.

Given the belief that future technologies should be designed to enhance quality of life, Kaleidoscope 2014 will highlight the need for future standards for ICT services and applications to take into account aspects of socio-economic, cultural, ethical, legal and sustainable-development policy. The event will also pinpoint aspects to increase the inclusivity of the Information Society; addressing the demands of people with disabilities, and the need for standards to be accessible to people of different countries and languages.

Recognizing the steadily growing role of ICT in other social and economic sectors and the resulting challenges for global standards makers, ITU has begun forming partnerships with organizations not traditionally part of the ICT ecosystem in the interests of developing global standards tailored to new ICT-enabled services in other industry sectors.

For example, the development of successful standards for intelligent transport systems (ITS) demands the input of automobile manufacturers. Initially located at the intersection of automotive and ICT, today's ITS involve stakeholders from many other sectors, such as utilities (in the context of electromobility) and health and insurance (in the context of road safety).

Standards for e-health require the participation of the healthcare ecosystem. Health services and systems are changing to reflect the need for improvements in the quality, safety and accessibility of healthcare. E-health, the use of ICTs in healthcare, continues to demonstrate its immense value in enabling these changes.

Developing ICT standards for mobile money transfer, mobile payment and mobile banking services needs the involvement of banks. Effective standardization in the smart grid field will similarly require the participation and endorsement of power utilities.

Kaleidoscope 2014 will explore this new paradigm, looking at how the standards can bring these different worlds together and evolve in line with ensuing industrial and technological convergence. The standards development processes capable of meeting the challenges introduced by convergence will be ones that provide open, inclusive processes to attract key players from different industry sectors, public-sector entities and academic and research institutes.

Living in a converged world - impossible without standards? is calling for original academic papers offering bold, innovative approaches to research and development of standards on the subject of industries' and technologies' convergence in today's ICT-dependent world.

Audience

Kaleidoscope 2014 is targeted at all specialists with a role in the field, including researchers, academics, students, engineers, policy-makers and regulators, innovators and futurists from around the world.

Date and venue

3-5 June 2014, Bonch-Bruевич Saint-Petersburg State University of Telecommunications (SPbSUT), St. Petersburg, Russian Federation

Submission of papers

Prospective authors, from countries that are members of ITU, are invited to submit complete, original papers with a maximum length of 4,500 words within eight pages including summary and references, using the template available on the event website. All papers will be reviewed through a double-blind, peer-review process and handled electronically; see <http://itu-kaleidoscope.org/2014> for the online submission (EDAS). Paper proposals will be evaluated according to **content, originality, clarity, relevance to the conference's theme** and in particular **significance to future standards**.

Deadlines

Submission of full paper proposals: **25 November 2013**

Notification of paper acceptance: **17 February 2014**

Submission of camera-ready accepted papers: **3 March 2014**

Publication and presentation

Accepted papers will be presented during the event and published in the proceedings and in IEEE Xplore. The best papers will be evaluated for potential publication in *IEEE Communications Magazine*. In addition, selected papers will be considered for publication in the *International Journal of Technology Marketing* or the *International Journal of IT Standards & Standardization Research*.

Awards

A prize fund totaling \$10,000 will be granted to the three best papers, as judged by the Steering and Technical Programme Committees. In addition, young authors presenting accepted papers will receive a Young Author Recognition certificate.

Keywords

Information and communication technologies (ICTs), converging technologies, human-oriented technologies, technological innovation, standardization, radio spectrum, ambient intelligence, smart grid, mobile banking services, ubiquitous networks, internet of things, M2M, e-applications, information society, ethics, sustainability.

Suggested (non-exclusive) list of topics

Track 1: Technology and architecture evolution in a converged world

- Billing and charging for converging services
- Business process management and optimization in convergent networks
- Communications for smart grid
- Cooperation and convergence of networks
- End-to-end quality of service support
- Enterprise integration and service-oriented architecture
- Environmental and biometric actuators and sensors in convergent services
- Human-centric, cognitive and context-aware systems
- Machine-to-machine communication, Internet of Things, and Internet of Everything
- Mobility and nomadicity
- Monitoring, tracking convergence system
- Nanonetworks
- Near-field communications (personal area network, body area network, etc.)
- Network convergence (heterogeneous network system)
- Network functions virtualization and software defined networks

- Network support for converging services
- New transmission network systems (terabit, petabit, exabit)
- Optical wireless convergence system (LD-LED optical device convergence)
- Pervasive and trusted network and service infrastructure
- Protocol architecture convergence and interoperability
- Security and privacy-enhancing technologies
- Vehicle and infrastructure convergence
- Virtual and real network convergence
- Wireless sensor networks

Track 2: ICT applications and services for converging worlds

- Accessibility - ageing and ambient assistive living
- Augmented reality and technology intelligence
- Autonomous vehicles and vehicle communications
- E-agriculture
- E-learning and e-science
- Energy efficiency/use cases of smart grid
- Home entertainment hubs
- Innovative applications and content delivery (IPTV, games, etc.)
- Location-based services
- Mobile banking services: mobile payments and mobile money transfer
- Mobile robots
- New models for health-care (e-health, m-health, tele-health, telemedicine, etc.)
- Service convergence
- Service layer requirements
- Smart cities: utilities, transport, buildings and homes
- Social networking services and convergence
- Television and video services (3D video image communication)
- XaaS (Anything as a Service)

Track 3: Social, economic and policy aspects of ICT for converging worlds

- Accessibility and usability
- Business models (including accounting, billing and charging)
- Crowdsourcing and service convergence
- Deployment of smart grids in developing countries
- Digital journalism
- Digital rights and identity management
- Education about Standardization
- Environmental sustainability
- E-government and e-democracy
- Ethical issues
- Inclusiveness, affordability and equal access
- Internationalization and localization
- Legislative and regulatory frameworks
- Network neutrality
- Regulation (for QoS, network sharing, etc.)
- Security, confidentiality and privacy
- Societal impact
- Stakeholder perceptions in standards
- Standardization and innovation management
- Standardization, innovation and convergence
- Standards in healthcare services

General Chairman

Sergey Bachevsky (Rector, Bonch-Bruевич Saint-Petersburg State University of Telecommunications (SPbSUT), Russian Federation)

Steering Committee

- Christoph Dosch (ITU-R Study Group 6 Chairman; IRT GmbH, Germany)
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Technical Programme Committee

Chairman: Kai Jakobs (RWTH Aachen University, Germany)

The Technical Programme Committee is composed of over 100 subject matter experts worldwide. Details are available at <http://www.itu.int/ITU-T/uni/kaleidoscope/2014/progcom.html>

For additional information

Additional information is available on the conference website: <http://itu-kaleidoscope.org/2014>. Inquiries should be addressed to kaleidoscope@itu.int
