

**R** RITSUMEIKAN

# UNIVERSITY TECHNOLOGY DIALOGUE

**2-5**

SEPTEMBER

**2013**

**TUSUR**

INNOVATIONS IN INFORMATION AND COMMUNICATION SCIENCE AND TECHNOLOGY



**RUSSIA**



**JAPAN**



**USA**



**SWEDEN**

On September 2–5, 2013 Tomsk State University of Control Systems and Radioelectronics (TUSUR University) will host the Third Postgraduate Consortium International Workshop – Innovations in Information and Communication Science and Technology, IICST 2013, part of the University Technology Dialogue with Ritsumeikan University (Japan).

The IICST 2013 Workshop is intended to bring together graduate students and young researchers working in the field of information and communication science and technology, and give them an opportunity to discuss their studies in an international atmosphere with prominent scholars and engineers, prompting all kinds of collaboration and cooperation among participants.

The Call for papers has already been announced and English-language contributions can be submitted to the IICST 2013 Program Committee. Reviewed papers accepted for presentation at the workshop will be published in the edited IICST 2013 volume, while several selected papers will be recommended for publication, in a revised form, in a specialized international journal.

## LIST OF IICST 2013 TOPICS:

### ROBOTS

- Anthropomorphic or bionic design and control
- Human body dynamics, control, and sensing
- Neuro- and brain-machine interfaces
- Robot applications: social, industrial, health-related, entertainment, education
- Robotic innovations
- Future robots
- Social robotics, robot-human sociology and economics

### DIGITAL ARCHIVES

- Information design and modeling
- Computer research and applications in economics, literature, linguistics, education, and cultural and historical studies
- Digital arts, architecture, music, film, theatre, new media, and digital games
- Innovative archiving technologies, digital humanities research and applications

### COMPUTATIONAL INTELLIGENCE AND HUMAN INTERFACE

- Innovative intelligent systems
- Machine learning
- Soft computing
- Image and audio processing and analysis
- Bioinformatics
- Natural language processing
- Innovations in multimedia systems and their applications
- Theoretical principles of and design approaches for multimodal user interfaces
- Empirical evaluation and analysis of applications of multimodal systems
- Innovative multimodal interaction technologies and systems
- Effective multimodal interaction scenarios
- Virtual and mediated (diminished/augmented) reality
- Affective computing
- Mobile multimodal interactions
- Ubiquitous and pervasive computing

### SUBMISSION DEADLINES:

- full paper: **July 1, 2013**
- refer to the paper requirements at <http://iicst.net/submission.html>
- review results and registration: **July 7, 2013**
- print-ready paper: **July 16, 2013**

See <http://iicst.net>  
for more information  
or contact the TUSUR Division  
of International Cooperation on:  
**+7 3822 51 08 04**



[www.iicst.net](http://www.iicst.net)