19th International Conference on Speech and Computer
12-16 Sept. 2017, Hatfield, Hertfordshire, UK
SPECOM 2017

LONDON to HATFIELD

TELEPHONE

CONFERENCE CHAIRS

Iosif Mporas, University of Hertfordshire, UK
 (Organising Committee Chair)
Rodmonga Potapova, MSLU, Moscow, Russia
 (General Conference Co-Chair)
Andrey Ronzhin, SPIIRAS, Saint-Petersburg, Russia
 (General Conference Co-Chair)
Reza Sotudeh, University of Hertfordshire, UK
 (General Conference Co-Chair)
Alexey Karpov, SPIIRAS, Saint-Petersburg, Russia
 (Programme Committee Chair)

THE CONFERENCE

The International Conference on Speech and Computer – SPECOM is a regular event organized since 1996 and attracts researchers in the area of computer speech processing, multimodal interfaces and applied systems for telecommunication, robotics, intelligent and cyberphysical environments.

ORGANIZERS

The conference is organized by the University of Hertfordshire, in cooperation with the Moscow State Linguistic University (MSLU, Moscow, Russia), the St. Petersburg Institute for Informatics and Automation of the Russian Academy of Science (SPIIRAS, St. Petersburg, Russia) and St. Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO University, St. Petersburg, Russia).

IMPORTANT DATES

April 15, 2017 ....Full paper submission (final date!)
May 15, 2017 .... Notification of acceptance
May 26, 2017 .... Final papers (camera ready)
May 26, 2017 .... Early registration
Sept. 12-16, 2017 …. Conference dates

KEYNOTE SPEAKERS

- **Mark Gales** – Cambridge University, UK
- **Björn Schuller** – Passau Univ., Germany and ICL, UK

SPECIAL SESSIONS

- Natural Language Processing for Social Media Analysis
- Real-Life Challenges in Voice and Multimodal Biometrics
- Multilingual and Low-Resourced Languages Speech Processing in Human-Computer Interaction

TOPICS

The SPECOM conference is devoted to issues of human-machine interaction, particularly:

- Affective computing
- Applications for human-machine interaction
- Audio-visual speech processing
- Automatic language identification
- Corpus linguistics and linguistic processing
- Forensic speech investigations and security systems
- Multichannel signal processing
- Multimedia processing
- Multimodal analysis and synthesis
- Signal processing and feature extraction
- Speaker identification and diarization
- Speaker verification systems
- Speech and language resources

- Speech analytics and audio mining
- Speech dereverberation
- Speech driving systems in robotics
- Speech enhancement
- Speech perception
- Speech disorders and voice pathologies
- Speech recognition and understanding
- Speech translation automatic systems
- Spoken dialogue systems
- Spoken language processing
- Text-to-speech and Speech-to-text systems
- Virtual and augmented reality
- Text mining and sentiment analysis

Satellite Event:

2nd International Conference on Interactive Collaborative Robotics (ICR 2017)

- ✓ Assistive robots
- ✓ Child-robot interaction
- ✓ Collaborative robotics
- ✓ Educational robotics
- ✓ Home robotics
- ✓ Humanoid robots
- ✓ Lovotics

- ✓ Human-robot interaction
- ✓ Medical robotics
- ✓ Rescue robots
- ✓ Robotic mobility systems
- ✓ Robots control and communication
- ✓ Social robotics
- ✓ Safety robot behaviour

ICR 2017

PROCEEDINGS

Springer

SPECOM and ICR Proceedings will be published by Springer as a book in the Lecture Notes in Artificial Intelligence (LNAI) series listed in all major citation databases such as Web of Science, DBLP, SCOPUS, EI, INSPEC, COMPENDEX. SPECOM Proceedings are included in the list of forthcoming proceedings for September 2017.

VENUE

The conference will be organized at the College Lane Campus of the University of Hertfordshire, Hatfield, UK (http://www.herts.ac.uk/). Hatfield is located at the North part of Greater London, just 20 minutes by train from Central London. It is easily accessible from the Kings Cross/St. Pancras London stations as well as from several airports (Heathrow, Stansted, Luton).

ACCOMMODATION

The organising committee has arranged accommodation for reasonable prices in hotels and University's ensuite rooms, which are situated near the conference venue. The rooms with sufficient discount will be reserved for the conference days.

SPECOM/ICR 2017 Contact:
E-mail: specom@iias.spb.su   Conference web site: www.specom.nw.ru

University of Hertfordshire UH

ITMO UNIVERSITY

SPIIRAS