



Call for Papers

Special Session on: **Multilingual and low-resourced languages speech processing in human-computer interaction**

Authors are invited to submit papers for a special session on '[Multilingual and low-resourced languages speech processing in human-computer interaction](#)' in the **International Conference on Speech and Computer (SPECOM)** that will attract researchers in the field of speech and computer processing. Multilingual speech processing has been an active topic for many years. Over the last few years, the availability of big data in a vast variety of languages and the convergence of speech recognition and synthesis approaches to statistical parametric techniques (mainly deep learning neural networks) have put this field in the center of research interest, with a special attention for low- or even zero-resourced languages. The special session will provide a forum for focussed discussion on innovative applications of established speech processing approaches in multilingual and low-resourced languages or novel research paradigms.

Topics of interest for this Special Session include but are not limited to the following:

- Multilingual speech recognition and understanding
- Cross-lingual adaptation
- Text-to-speech synthesis
- Spoken language identification
- Speech-to-speech translation
- Multi-modal speech processing
- Keyword spotting
- Emotion recognition
- Deep learning in speech processing

Submission Procedure:

Authors are invited to submit a full paper not exceeding 10 pages formatted in the LNCS style (see below). The papers need to be submitted using the online submission system using the following URL: <https://easychair.org/conferences/?conf=specom2017>

Papers submitted to SPECOM 2017 must not be under review by any other conference or publication during the SPECOM review cycle, and must not be previously published or accepted for publication elsewhere. The paper format for the review has to be the PDF file with all required fonts included (<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>).

Schedule:

Submission of final papers due: March 12, 2017
Notification of acceptance: May 15, 2017
Final papers (camera ready) and registration: May 26, 2017
Conference date: September, 12-16, 2017

SPECOM Proceedings are included in the Springer list of forthcoming proceedings for September 2017.

Organizing Committee:

Alexandros Lazaridis (Idiap Research Institute, Switzerland)
Ivan Himawan (Queensland University of Technology, Australia)
Blaise Potard (CereProc Ltd, Edinburgh, UK)
Kate Knill (Cambridge University Engineering Department)
Peter Bell (University of Edinburgh, UK)