

Intelligent speech and audio technologies workshop

19th Conference on Information Technologies – Applications and Theory

Hotel Zornička, Donovaly, Slovakia, September 20–24, 2019.

Preface

ISAT workshop is organized to gather together researchers working in the field of speech and audio processing from different application areas. It aims to encourage cooperation of different Slovak research groups working in these fields with their current and perspective partners. We planed to discuss modern technologies and state of the art and how we can contribute with our research topics. We also invited PhD students with work-in-progress and industry partners from Slovakia with research-suggestions contributions to participate.

The workshop is part of the ITAT conference, which is organized from 20th to 24th September 2019 in hotel Zornička in Donovaly – inside the splendid Low Tatras Slovak National Park. Our workshop was organized between September 20-22.

Topics of the workshop are:

- Speech recognition,
- Speech synthesis,
- Natural language processing,
- Speech interfaces,
- Spoken and human-robot interaction,
- Linguistics,
- Anticipation in speech,
- Spoken dialogue,
- Emotion and mood analysis,
- Prosodic and phonetics,
- Human factors of HCI,
- Spoken interaction in virtual environments,
- Multilingual speech processing,
- Deep Learning in speech/audio processing,

- Multimedia Signal Processing,
- Spoken Language Understanding,
- Language identification,
- Using EEG in HCI,
- Audio processing,
- Microphone arrays,
- Beam forming,
- Audio based biometrics,
- etc.

The program committee of ISAT 2019

- Jozef Juhár, (TUKE)
- Milan Rusko (SAV)
- Roman Jarina (UNIZA)
- Július Zimmermann (UPJŠ)
- Štefan Beňuš (UKF)
- Gregor Rozinaj (STU)
- Stanislav Ondáš (TUKE)
- Eva Kiktová (UPJŠ)
- Daniel Hládek (TUKE)
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