



International

Innovation in Knowledge Based and Intelligent
Engineering Systems



INVITED SESSION SUMMARY

Title of Session:

Pattern Recognition in Audio and Speech Processing

Name of Chair:

Prof. Claudio Turchetti, Department of Information Engineering, Università Politecnica delle Marche
Dr. Paolo Crippa, Department of Information Engineering, Università Politecnica delle Marche

Details of Session:

Pattern recognition is a fundamental task in many audio and speech signal applications. The performance of such systems strongly depend on the technique adopted for this task. Particular interest is addressed to theory, algorithms, and applications, that give some advances in this field.

The scope of this session is to present original unpublished results, and includes but it is not limited to, the following topics:

- Speaker Identification.
- Speaker Verification.
- Speech Recognition.
- Natural Spoken Language.
- Searching for Speaker in Large Corpora.
- Music information Retrieval and Music Language Processing.
- Special Hardware Architectures for Music and Speech Processing.
- Embedded Systems for Music and Speech Processing.

Not only theoretical papers but also practical application papers will be welcome.

The invited session papers should be prepared in Springer style and must be submitted electronically using the [KES-IDT 2016 conference web page](#) (follow the KES-IDT 2016 guidelines for more information on paper submission).

Publication:

The conference proceedings will be published by Springer as book chapters in a volume of the [KES Smart Innovation Systems and Technologies](#) series.

Important dates:

- Paper submission: **15 February 2016.**
- Notification of acceptance: 29 February 2016.
- Camera ready papers submission: 14 March 2016.
- Conference: 15 – 17 June 2016.

Website URL (if any):**Email & Contact Details:**

Prof. Claudio Turchetti: c.turchetti@univpm.it
DII – Department of Information Engineering, Università Politecnica delle Marche
Via Breccie Bianche, 12
60131 Ancona (AN), ITALY

Dr. Paolo Crippa: p.crippa@univpm.it
DII – Department of Information Engineering, Università Politecnica delle Marche
Via Breccie Bianche, 12
60131 Ancona (AN), ITALY