

Jean-Luc ROUAS

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CURRENT POSITION :

CNRS Researcher at LABORATOIRE BORDELAIS DE RECHERCHE EN INFORMATIQUE (LaBRI - Computer Science Research Laboratory), France, in the “Image and Sound” team.

Vice-head of the “Image and Sound” team since 2013.

SHORT BIOGRAPHY :

After defending my PhD in 2005 – on prosody for spoken language identification – , I worked as a post-doctoral fellow at INRETS (National Institute for Transport in Security, Lille, France) in 2005 and 2007 on audio processing for detecting people interaction in public transport environments. In 2006, I was with the Spoken Language Research Lab (L2F - INESC-ID, Lisbon, Portugal) where I worked on characterisation and identification of European Portuguese. Since 2008, I am a CNRS researcher (permanent position). Between 2008 and 2010, I was affected to LIMSI (Computer Science Laboratory for Mechanics and Engineering Sciences, Orsay, France), where I worked on the acoustic characteristics of speaking styles – read, prepared, spontaneous –, on French spoken in Africa, and on the singing voice. Since 2010, I am with LaBRI. My current research interests involve mainly singing voice characterisation and social affective speech signals.

PUBLICATIONS :

I have authored 7 publications in international journals and 30 papers accepted at peer-reviewed conferences. Here is a list of the most representative recent publications :

- Jean-Luc Rouas, Leonidas Ioannidis. Automatic classification of phonation modes in singing voice : towards singing style characterisation and application to ethnomusicological recordings. In : Interspeech 2016 (17th annual conference of the International Speech Communication Association), San Francisco, USA, 2016.
- Takaaki Shochi, Jean-Luc Rouas, Zuheng Ming, Marine Guerry, Aurélie Bugeau, Donna Erickson. Cultural differences in pattern matching : multisensory recognition of socio-affective prosody. In : 31st International Congress of Psychology, Yokohama, Japan, 2016.
- Dominique Fourer, Takaaki Shochi, Jean-Luc Rouas and Albert Rilliard. Perception of prosodic transformation for Japanese social affects. Speech Prosody 2016, Boston, USA.
- Zuheng Ming, Aurélie Bugeau, Jean-Luc Rouas, Takaaki Shochi. Facial Action Units Intensity Estimation by the Fusion of Features with Multi-kernel Support Vector Machine. 11th IEEE International Conference on Automatic Face and Gesture Recognition Conference and Workshops, May 2015, Ljubljana, Slovenia.
- Takaaki Shochi, Dominique Fourer, Jean-Luc Rouas, Marine Guerry, and Albert Rilliard. Perceptual Evaluation of Spoken Japanese Attitudes. 18th International Congress of Phonetic Sciences, Glasgow, Scotland UK, 2015.