



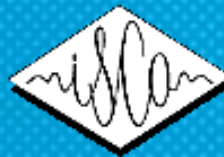
# Christian Benoît Award

- In honor of Christian Benoît French CNRS Researcher (1956 – 1998)
- Financial support (7500 €) to a promising young scientist in

## **SPEECH and FACE-TO-FACE COMMUNICATION**

*Basic or applied research projects*

- Sponsored by



- Periodicity: 2 years



# 8<sup>th</sup> Christian Benoit Award

- The winner is ....

**Mathilde Fort**



- **PostDoc at Pompeu Fabra University (Barcelona) (since October 2013)**
  - Development of audiovisual speech perception in bilingual infants
- **2012 – 2013: PostDoc at Laboratoire de Sciences Cognitives et Psycholinguistique (Paris)**
  - Acquisition of native phonological rules and emergence of sound symbolic associations in infants
- **2012: PhD in Psycholinguistics**
  - Laboratoire de Psychologie et de NeuroCognition (Grenoble)
  - Audiovisual speech perception and lexical access in adults and children

# For more information

<http://www.gipsa-lab.fr/acb/>

- Home
- Christian Benoît
- Award winners



## Christian Benoît award winners

The **7th** Christian Benoît Award has been attributed to [Samer Al Moubayed](#) from the Center for Speech Technology, KTH - Royal Institute of Technology Stockholm. His project aims at developing a system architecture and a demonstrator using the novel, recently developed [Furhat robot head](#). The Furhat robot head integrates facial animation and visual speech synthesis. The goal is to provide a platform for research on situated and multiparty audio-visual interaction. Samer Al Moubayed officially received his Award during the closing ceremony of Interspeech 2013 in Lyon in August 2013.

The **sixth** Christian Benoît Award has been attributed during the closing ceremony of the InterSpeech2011 Conference in Firenze, to [Thomas Hueber](#) from the Speech and Cognition Department in GIPSA-Lab in Grenoble. The goal of his [Ultraspeech II](#) project is to build a real-time prototype of a silent speech interface (SSI), i.e. a device allowing speech communication without the need to vocalize. SSI could be used in situations where silence is required (as a silent cell

Next call February 2017 – Interspeech Stockholm 2017



**INTER  
SPEECH  
2015**

# **Best SpeCom Paper**

**EURASIP Best Paper Published in  
Speech Communication (2010–2013)**

**Laudator: Martin Cooke**



**B. Denby, T. Schultz, K. Honda, T. Hueber,  
J.M. Gilbert, and J.S. Brumberg**

**Title: Silent speech interfaces**

**Volume 52, Issue 4, April 2010, Pages 270–287**

# Best CSL Paper



**INTER  
SPEECH  
2015**

**ISCA Best Paper Published in  
Computer Speech and Language  
(2010–2014)**

**Laudator: Martin Cooke**



**B. Thomson, and S.J. Young**

**Title: Bayesian update of dialogue state:  
A POMDP framework for spoken dialogue systems  
Volume 24, Issue 4, 2010, Pages 562-588**



**INTER  
SPEECH  
2015**

# Best Student Papers

**Laudator:**

**Alan W. Black**

**The ISCA Best Student Paper Awards go to**

- 
- ***Nicholas Ruiz, Qin Gao, William Lewis, and Marcello Federico: Adapting Machine Translation Models toward Misrecognized Speech with Text-to-speech Pronunciation Rules and Acoustic Confusability***
  - ***Vijayaditya Peddinti, Daniel Povey, Sanjeev Khudanpur: A Time Delay Neural Network Architecture for Efficient Modeling of Long Temporal Contexts***
  - ***Raphael Ullmann, Ramya Rasipuram, Mathew Magimai.-Doss, and Hervé Bouchard: Objective Intelligibility Assessment of Text-to-speech Systems through Utterance Verification***



**INTER  
SPEECH  
2015**

# Show & Tell Price

**Laudator:**

**Sebastian Möller**

The price for the best Show & Tell demo goes to

- 
- ***Peter Bell, Catherine Lai, Clare Llewellyn, Alexandra Birch, Mark Sinclair: A System for Automatic Broadcast News Summarisation, Geolocation and Translation***
  - ***Arlo Faria, Korbinian Riedhammer: Remeeting — Get More Out of Meetings***

# ComParE Award

## Laudator:

*Björn Schuller, Stefan Steidl, Anton Batliner,  
Florian Hönig, Juan Rafael Orozco-Arroyave*

The price for the Sub-Challenge  
Degree of Nativeness

**M.P. Black, D. Bone, Z.I. Skordilis, R. Gupta, W. Xia,  
P. Papadopoulos, S.N. Chakravarthula, B. Xiao, M.  
Van Segebroeck, J. Kim, P.G. Georgiou, S.S. Narayanan**  
*U Southern California / LLC*

**Automated Evaluation of Non-native English Pronunciation  
Quality: Combining Knowledge- and Data-driven Features at  
Multiple Time Scales**



**INTER  
SPEECH  
2015**



# ComParE Award



INTER  
SPEECH  
2015

**Laudator:**

*Björn Schuller, Stefan Steidl, Anton Batliner,  
Florian Hönig, Juan Rafael Orozco-Arroyave*

**The price for the Sub-Challenge  
Degree of Parkinson's Condition**



**T. Grósz, R. Busa-Fekete,  
G. Gosztolya, L. Tóth**

*U Szeged / U Paderborn / MTA-SZTE*

**Degree of Nateness and Parkinson's Condition Using  
Gaussian Processes and Deep Rectifier Neural Networks**

# ComParE Award

**Laudator:**

*Björn Schuller, Stefan Steidl, Anton Batliner,  
Florian Hönig, Juan Rafael Orozco-Arroyave*

**The price for the Sub-Challenge  
Eating Condition**

**H. Kaya, A.A. Karpov, A.A. Salah**

*Boğaziçi U / St. Petersburg Inst. for Informatics / ITMO U*

**Fisher Vectors with Cascaded Normalization for Paralinguistic  
Analysis**



# ZeroSpeech 2015 Challenge Best Paper Award



**Hongjie Chen<sup>1</sup>, Cheung-Chi Leung<sup>2</sup>, Lei Xie<sup>2</sup>,  
Bin Ma<sup>2</sup>, Haizhou Li<sup>2</sup>**

A white audio waveform graphic is positioned behind the authors' names, extending across the width of the slide. The waveform consists of vertical lines of varying heights, representing the amplitude of a signal over time.

<sup>1</sup>Shaanxi Provincial Key Laboratory of Speech and Image Information Processing,  
School of Computer Science, Northwestern Polytechnical University, Xi'an, China

<sup>2</sup>Institute for Infocomm Research, A\*STAR, Singapore

**Parallel Inference of Dirichlet Process Gaussian Mixture Models  
for Unsupervised Acoustic Modeling: A Feasibility Study**