Interspeech 2013 Satellite workshop on
Speech and Language Technology in Education
Grenoble, France - August 30-31 & September 1st, 2013

Organized by
GIPSA-lab and LIDILEM with the ISCA-SLaTE group

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Organization

SLaTE-2013 is being organized by GIPSA-lab and LIDILEM (Grenoble, France), within the framework of the ISCA-SIG SLaTE. The organizers would like to thank Martin Russell, Helmer Strik, and Maxine Eskenazi for giving us instructive advice to organize this workshop.

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The organizers would like to thank the following individuals who took part in the review of papers submitted to SLaTE 2013.

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Message from the Local Organizers

We are very happy to welcome you to SLaTE 2013 in Grenoble!

We are about 60 from all over the world to be gathered here to discuss the last advances in the domain of Speech and Language Technology in Education.

Following SLaTE’2007 in Farmington, USA, SLaTE’2009 in Birmingham, UK, L2WS in 2010 in Tokyo, Japan, and SLaTE’2011 in Venice, Italy, this workshop is the fifth ISCA-supported SLaTE workshop.

Fourty-six contributions have been submitted in all areas of SLaTE. All full or two-page contributions have been reviewed by three reviewers, and given a score. Contributions with an average score greater than +1 have been directly accepted. Those with a score lower than –1 have been rejected. The remaining ones have been carefully discussed by the selection committee. Finally thirty-nine contributions have been selected for presentation at the workshop in either oral or demonstration and poster sessions.

These contributions attest the wealth and dynamism of this research area: children oriented research, corpus based studies of speech diversity, mobile or web-based applications, elaborate dialogue systems and serious games, phonetics / phonology studies on L2.

We have organised the workshop in the following way, with the aim to provide lively discussions.

We have planned a short round table at the end of each of the five oral sessions. We rely on chair persons to raise general or specific questions about the field to the speakers or to the audience.

We will have a session for demonstration and posters with a dozen contributions. This session will start with a series of three minutes presentations of the contributions allowing authors to attract a larger audience.

Long lunches à la Française at the Canberra restaurant will provide time to discuss important matters ... or to enjoy the university swimming pool.

In order to promote opening towards fields that are clearly related to SLaTE but finally not so present in this community, we have invited three keynote speakers known for their broad ideas and their vision of their domains.

*Diane Litman*, from the University of Pittsburgh, will tell us in a few moments her vision of how speech and language processing can be used to enhance dialogue applications for teaching STEM, *i.e.* Science, Technology, Engineering, and Mathematics.

Tomorrow morning, *Jozef Colpaert*, from the University of Antwerp, will share his experience about what is important in CALL systems, using the design concept behind a project on pronunciation training, and more generally about the new concept of Educational Engineering.

Finally, on Sunday morning, *Mary Beckman*, from the Ohio State University, will discuss how speech technology can be used to learn more about child speech and in particular to evaluate cross-language differences in the early emergence of contrasting vowel categories.
We are very lucky to be financially supported by a number of institutions. GIPSA-lab, the Engineering education Grenoble INP group, the Stendhal University that deals with Language and Literature, the Joseph Fourier University involved in Scientific and Medical research, and also from the Grenoble Cognition Pole which aims at initiating and coordinating all Grenoble research teams involved in cognition. We have also received a strong support from the Rhône-Alpes Region through its Academic Research Community on Information and Communication Technologies and Innovative Computer Usage. Finally, we could also mention the supports of the Grenoble – Alpes metropole consortium of cities and from the Grenoble city itself. We are grateful to all of them for supporting the workshop.

We would also like to thank all reviewers who accepted to read and assess the papers and provided relevant comments.

We hope that all of you will enjoy the workshop.

Pierre Badin, Thomas Hueber, Gérard Bailly, Didier Demolin & Françoise Raby
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Sponsors

The SLaTE-2013 local organizing committee is happy to acknowledge the financial support of the following sponsors.
### SLaTE 2013, the program at a glance

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<th>Sunday 1st September 2013</th>
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<tr>
<td>08:30</td>
<td>Registration</td>
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<td>09:00</td>
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<td>09:00</td>
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<td>Keynote 2 : Jozef Colpaert</td>
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<td>Keynote 3 : Mary Beckman</td>
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<td>09:40</td>
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<td>Summary of demonstrations and posters</td>
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*Note: Times are in 24-hour format.*