AVSP 2010
INTERNATIONAL CONFERENCE ON AUDITORY-VISUAL SPEECH PROCESSING

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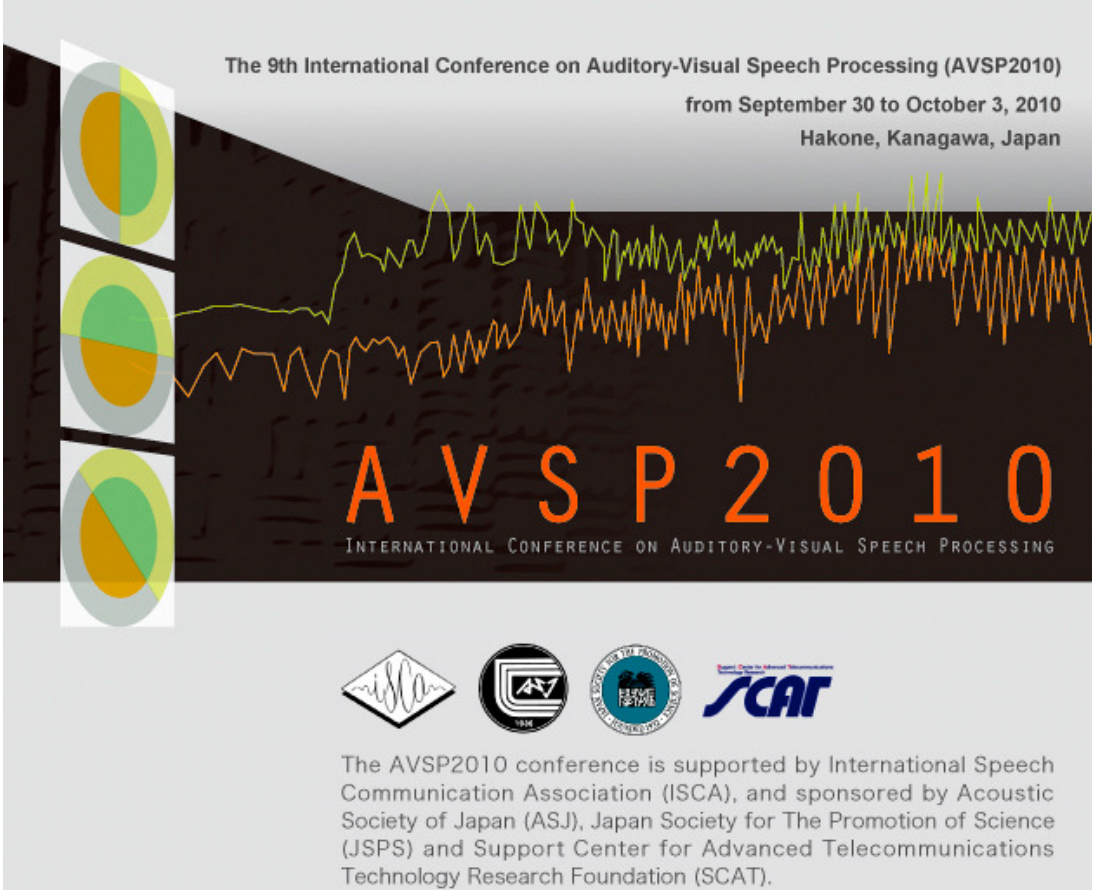

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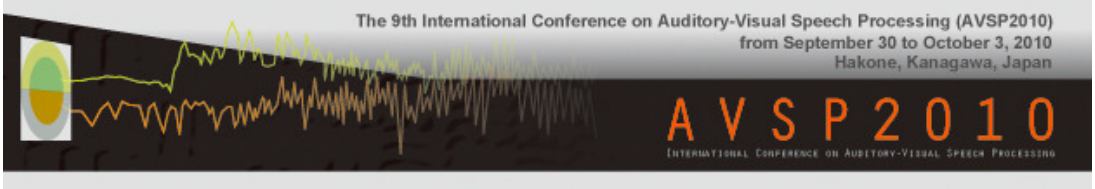

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Foreword

Welcome to the International Conference on Auditory-Visual Speech Processing (AVSP) 2010. Apart from the continuing support of ISCA (International Speech Communication Association), AVSP 2010 is sponsored by the Support Center for Advanced Telecommunications Technology Research Foundation (Tokyo, Japan) and the Acoustical Society of Japan. We are also supported by the Invitation Fellowship for Research in Japan awarded from Japan Society for the Promotion of Science.

This year AVSP will be held in Hakone, one of the most popular destinations among Japanese and international tourists looking for a break from skyscrapers and for beautiful mountain scenery around Tokyo. Hakone is part of the Fuji-Hakone-Izu National Park, less than 100 kilometers from Tokyo. It is famous for hot springs, healing natural beauty and the view of nearby Mt. Fuji. You will know in Hakone that hot springs are very popular in Japan, and I am delighted to introduce an important part of our culture.

These proceedings contain the 41 papers accepted to present at AVSP 2010. We required that each paper be reviewed by at least two reviewers mostly from the science committee. We are very thankful of all the reviewers listed overleaf for providing their valuable time and useful comments.

I would like to express my gratitude to the members of organizing committee. They have been very supportive and provided their precious time and ideas to make the conference successful. With his computer skills, Satoshi Tamura has created the website and the system so that paper submission and registration can be managed online. With their organization skills, Akihiro Tanaka and Carlos Ishi have directed the reviewing process and created the program schedule. Also with his organization skills, Shuichi Sakamoto has put all the papers together for the proceedings. With his negotiation skills, Akihiro Tanaka has made all the accommodations including the conference venue and hotels. I am also grateful to my assistant Naomi Nakamura, who has overseen the financial part of the conference with her precise accounting skills. Without them, putting the conference together was not possible.

This year, we have invited two extraordinary speakers: Professor Gergely Csibra from Central European University and Professor Tetsunori Kobayashi from Waseda University. Professor Csibra is interested in various aspects of cognitive development in infancy and will be talking about "What do human infants expect when adults communicate to them?" Professor Kobayashi is interested in computer-human interaction, intelligent robot, production and recognition of voice, and developmental paradigm of interface, and he will talk about "Robot as a multimodal human interface device. "

We are pleased that AVSP 2010, as with previous years, has attracted a truly interdisciplinary group of delegates. We have papers relating to speech and gesture, speech perception, audiovisual speech synthesis, audiovisual speech recognition, and automated lip-reading. I am confident that this will provide an opportunity for attendees to have a stimulating set of talks and discussions.

I hope that not only you enjoy the conference, but also may you find some time to visit some of the wonderful sites in and around Hakone and emerge yourself in Japanese culture.

Kaoru Sekiyama
Kumamoto, August 2010

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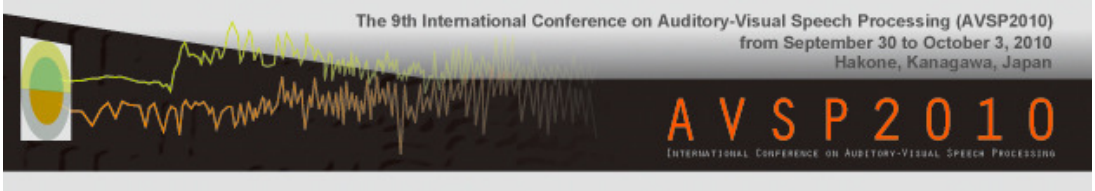

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30th September

	Registration and welcoming dinner

1st October

9:00 - 9:10	Opening remarks
9:10 - 10:10	Keynote1
10:10 - 10:20	Coffee break
10:20 - 11:40	Session 1: Recognition
11:40 - 13:20	Lunch
13:20 - 14:20	Session 2: Perception - McGurk effect -
14:20 - 14:30	Coffee break
14:30 - 15:30	Session 3: Emotion, Prosody
15:30 - 15:40	Comfort break
15:40 - 16:20	Session 4: Perception
16:20 - 16:30	Comfort break
16:30 - 18:00	Posters1: Recognition, Synthesis
19:00 -	Conference dinner

2nd October

9:00 - 10:00	Keynote2
10:00 - 10:10	Coffee break
10:10 - 11:10	Session 5: Perception - Brain -
11:10 - 11:20	Comfort break
11:20 - 12:00	Session 6: Perception - Infants -
12:00 - 14:00	Lunch

14:00 - 15:00	Session 7: Recognition
15:00 - 15:10	Comfort break
15:10 - 16:10	Session 8: Synthesis
16:10 - 16:20	Comfort break
16:20 - 17:50	Posters2: Perception, Emotion, Interaction
17:50 - 18:00	Closing remarks

3rd October

Breakfast and depature

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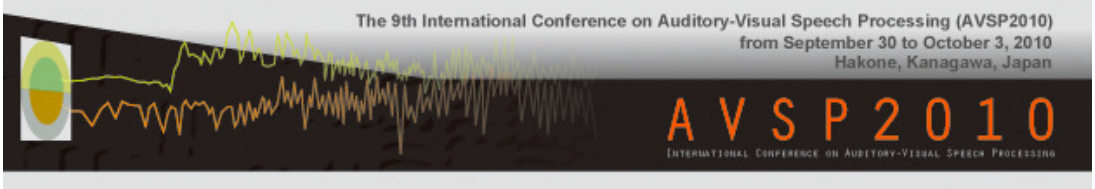

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Organizing Committee

- Kaoru Sekiyama (General chair)
  Kumamoto University, Japan
- Shuichi Sakamoto
  Tohoku University, Japan
- Akihiro Tanaka
  Waseda University, Japan
- Satoshi Tamura
  Gifu University, Japan
- Carlos Ishi
  ATR, Japan

Science Committee

- Jonas Beskow
  KTH, Sweden
- Denis Burnham
  UWS, Australia
- Piero Cosi
  CNR, Italy
- Sascha Fagel
  TU Berlin, Germany
- Björn Granström
  KTH, Sweden
- Satoru Hayamizu
  Gifu University, Japan
- Takaaki Kuratate
  TU Munich, Germany
- Shigeo Morishima
  Waseda University, Japan
- Ryoko Mugitani
  NTT, Japan
- Barry-John Theobald
  UEA, U.K.
- Jean Vroomen
  Tilburg University, Netherland
- Christopher Davis
  UWS, Australia
- Hélène Loevenbruck
  ICP, France
- Jean-Luc Schwartz
  ICP, France

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