

IWSDS 2012

Ermenonville, 28-30 November 2012



IWSDS 2012

Towards a Natural Interaction with Robots, Knowbots and Smartphones



Putting Spoken Dialog Systems into Practice

It is very complex to design a simple, natural interaction

Agenda

Wednesday, 28th		Thursday, 29th		Friday, 30th
	9:00-9:15	Opening	9:00-9:45	Keynote III
	9:15-10:00	Keynote I		
	10:00-11:00	Oral Session I	9:45-10:45	Oral Session III
	11:00-11:15	Coffee break	10:45-11:15	Coffee break
	11:15-12:15	Poster Session I	11:15-12:15	Poster Session III
	12:15-13:30	Lunch	12:15-13:45	Lunch
	13:30-15:00	Visit of Jean – Jacques Rousseau Park	13:45-14:30	Keynote IV
	15:00-15:45	Keynote II	14:30-15:30	Oral Session IV
	15:45-16:45	Oral Session II	15:30-15:45	Coffee break
	16:45-17:00	Coffee break	15:45-16:45	Poster Session IV
	17:00-18:00	Poster Session II	16:45-17:00	Closing
Workshop registration	18:00-19:00	Panel		
	19:00-20:00			
Dinner	20:00-23:00	Gala Dinner		

DAY 1

Time	November 29	
9h00	Opening	
9h15	Keynote 1: Jérôme R. Bellegarda Spoken Language Understanding for Natural Interaction: the Siri Experience	Martine Garnier-Rizet (IMMI-CNRS & ANR, France)
10h00	Oral 1: Spoken Dialog Systems in everyday applications 1. <i>Hansjörg Hofmann, Anna Silberstein, Ute Ehrlich, André Berton, Christian Müller and Angela Mahr</i> Development of Speech-based In-car HMI Concepts for Information Exchange Internet Apps 2. <i>Alan W Black and Maxine Eskenazi</i> Real Users and Real Dialog Systems: the hard challenge for SDS 3. <i>Daniel Sonntag and Christian Schulz</i> A Multimodal Multi-Device Discourse and Dialogue Infrastructure for Collaborative Decision Making in Medicine	Wolfgang Minker (Ulm University, Germany)
11h00	Break	
11h15	Poster 1: Spoken Dialog prototypes and products 1. <i>Feiyu Xu, Sven Schmeier, Renlong Ai and Hans Uszkoreit</i> Yochina: Mobile Multimedia and Multimodal Crosslingual Dialog System 2. <i>Johan Boye, Morgan Fredriksson, Jana Götze, Joakim Gustafson and Jürgen Königsmann</i> Walk this way: Spatial grounding for city exploration 3. <i>Nieves Abalos, Gonzalo Espejo, Ramon Lopez-Cozar Delgado, Francisco J. Ballesteros, Enrique Soriano and Gorka Guardiola</i> Multimodal Dialogue System for Interaction in AmI Environment by Means of File-Based Services 4. <i>Sunao Hara, Hiromichi Kawanami, Hiroshi Saruwatari and Kiyohiro Shikano</i> Development of a toolkit handling multiple speech-oriented guidance agents for mobile applications 5. <i>David Griol, Maria Garcia-Jiménez, Zoraida Callejas and Ramón López-Cózar</i> Interactive and User-Adapted Voice Portals for the City Council	
12h15	Lunch	
13h30	Visit Parc JJ Rousseau	

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Visit Park Jean-Jacques Rousseau



DAY 1

Time	November 29	
15h00	Keynote 2 : Alex Waibel Multi- and Cross-Lingual Dialog Systems	Laurence Devillers (LIMSI-CNRS & Paris Sorbonne University, France)
15h45	Oral 2: Multi-domain, crosslingual Spoken Dialog Systems 1. <i>Teruhisa Misu, Shigeki Matsuda, Etsuo Mizukami, Hideki Kashioka and Haizhou Li</i> Efficient Language Model Construction for Spoken Dialog Systems by Inducting Language Resources of Different Languages 2. <i>Pierre Lison</i> Towards Online Planning for Dialogue Management with Rich Domain Knowledge 3. <i>Injae Lee, Seokhwan Kim, Kyungduk Kim, Donghyeon Lee, Junhwi Choi, Seonghan Ryu and Gary Geunbae Lee</i> A Two-Step Approach for Efficient Domain Selection in Multi-Domain Dialog Systems	Satoshi Nakamura (NAIST, Japan)
16h45	Break	
17h00	Poster 2 : Spoken Dialog Systems components 1. <i>Teruhisa Misu, Etsuo Mizukami and Hideki Kashioka</i> Spoken Dialog System Constructed using Language Portability Technique 2. <i>Martin Heckmann</i> Visual Contribution to Word Prominence Detection in a Playful Interaction Setting 3. <i>Bart Ons, Jort F. Gemmeke and Hugo Van Hamme</i> Label noise robustness and learning speed in a self-learning vocal user interface 4. <i>Senthilkumar Chandramohan, Matthieu Geist, Fabrice Lefèvre and Olivier Pietquin</i> Co-adaptation in Spoken Dialogue Systems 5. <i>Rafael Torres, Hiromichi Kawanami, Tomoko Matsui, Hiroshi Saruwatari and Kiyohiro Shikano</i> Topic Classification of Spoken Inquiries Using Transductive Support Vector Machine 6. <i>Yoo Rhee Oh, Hoon Chung, Jeom-Ja Kang and Yun Keun Lee</i> Frame-level Selective-Decoding using Native and Non-native Acoustic Models for Robust Speech Recognition to Native and Non-native Speech 7. <i>Marcela Charfuelan and Geert-Jan Kruijff</i> Analysis of speech under stress and cognitive load in USAR operations	
18h00	Panel session: From "Prise de tête" to "ça marche pas": putting theory into practice. S. Rossset (Chair), J. Bellegarda, A. Buendia, J. Ginzburg, A. Waibel, M. Walker	
19h00	End Day 1	
20h00	Gala Dinner	

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Gala Dinner



DAY 2

Time	November 30	
9h00	Keynote 3 : Axel Buendia and Laurence Devillers From informative cooperative dialogues to long term social relation with a robot	Joseph Mariani (LIMSI & IMMI-CNRS, France)
9h45	Oral 3: Human-Robot Interaction <i>1. Taichi Nakashima, Kazunori Komatani and Satoshi Sato</i> Integration of Multiple Sound Source Localization Results for Speaker Identification in Multi-party Dialogue System <i>2. Ina Wechsung, Patrick Ehrenbrink, Robert Schleicher and Sebastian Möller</i> Investigating the social facilitation effect in human-robot-interaction <i>3. Emer Gilmartin and Nick Campbell</i> More than just words: Building a chatty robot	Ramón López-Cózar Delgado (University of Granada, Spain)
10h45	Break	
11h15	Poster 3: Human-Robot Interaction <i>1. Takaaki Sugiyama, Kazunori Komatani and Satoshi Sato</i> Predicting When People will Speak to a Humanoid Robot <i>2. Clément Chastagnol, Céline Clavel, Matthieu Courgeon and Laurence Devillers,</i> Designing an Emotion Detection System for a Socially-Intelligent Human-Robot Interaction <i>3. Kristiina Jokinen and Graham Wilcock</i> Multimodal Open-domain Conversations with the Nao Robot <i>4. Ridong Jiang, Yeow Kee Tan, Dilip Kumar Limbu, Tran Anh Dung and Haizhou Li</i> Component Pluggable Dialogue Framework and its Application to Social Robots	
12h15	Lunch	



DAY 2

Time	November 30	
13h45	Keynote 4 : Marylin A. Walker, Jennifer Sawyer, Grace Lin and Sam Wing Does personality matter?: Expressive Generation for Dialogue Interaction	Sophie Rosset (LIMSI-CNRS, France)
14h30	Oral 4: Dialog Management 1. <i>Stefan Ultes, Robert ElChab and Wolfgang Minker,</i> Application and Evaluation of a Conditioned Hidden Markov Model for Estimating Interaction Quality of Spoken Dialogue Systems 2. <i>Fabrizio Morbini, David Devault, Kenji Sagae, Jillian Gerten, Angela Nazarian and David Traum</i> FLoReS: A Forward Looking, Reward Seeking, Dialogue Manager 3. <i>Zoraida Callejas, David Griol, Klaus-Peter Engelbrecht and Ramón López-Cózar</i> A clustering approach to assess real user profiles in spoken dialogue systems	
15h30	Break	
15h45	Poster 4 : Dialog Management 1. <i>Etsuo Mizukami and Hideki Kashioka</i> What are they achieving through the conversation? - modeling the guide-tourist dialogues by extended grounding networks 2. <i>Lasguido Nio, Sakriani Sakti, Graham Neubig, Tomoki Toda, Mirna Adriani and Satoshi Nakamura</i> Developing Non-Goal Dialog System based on Examples of Drama Television 3. <i>Klaus-Peter Engelbrecht</i> A user model for dialog system evaluation based on activation of subgoals 4. <i>Sanat Sarda, Martin Constable, Justin Dauwels, Shoko Dauwels (Okutsu), Mohamed Elgendy, Zhou Mengyu, Umer Rasheed, Yasir Tahir, Daniel Thalmann and Nadia Magnenat-Thalmann</i> Real-Time Feedback System for Monitoring and Facilitating Discussions 5. <i>Haruka Majima, Rafael Torres, Hiromichi Kawanami, Sunao Hara, Tomoko Matsui, Hiroshi Saruwatari and Kiyohiro Shikano</i> Evaluation of Invalid Input Discrimination Using Bag-of-Words for Speech-Oriented Guidance System	Gary Geunbae Lee (POSTECH, Korea)
16h45	Closing	
17h00	End	

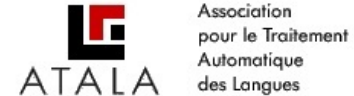
Practicalities

- WIFI
 - WiFi network: Château d'Ermenonville
 - Room: RADZIWILL
 - Name: IWSDS12
- Presentations
 - 20-minutes oral presentations (15+5)
 - Upload your slides or test your presentations beforehand
 - Install your poster during the breaks
 - Give your poster and slide presentations to the organizers
- Release your room on Friday before 12h00
- Book
 - Natural Interaction with Robots, Knowbots and Smartphones
 - Published by Springer
 - Papers in final versions by January 7, 2013

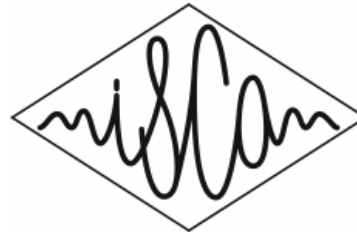
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Enjoy the Conference !

