



European Cooperation in the field of Scientific and Technical Research
COST 2102

"Cross Modal Analysis of Verbal and Nonverbal Communication"



2009

SUN network

Universitario Saperi
dei

Seconda Università degli Studi di Napoli

3rd COST 2102 INTERNATIONAL TRAINING SCHOOL on
Toward Autonomous, Adaptive, and Context-Aware Multimodal Interfaces: Theoretical and Practical Issues

15-19 March 2010, Caserta, Italy

PRELIMINARY PROGRAMME TIMETABLE AND ORGANIZATION

(Release #7, March the 12th, 2010)

	SUNDAY 14 MARCH 2010	
18:00:19:00	WELCOME RECEPTION and REGISTRATION HOTEL EUROPA	
	MONDAY 15 MARCH 2010	
	PLEASE DO NOT FORGET TO SIGN THE ATTENDANCE LIST EACH DAY	
8:00-8:45	REGISTRATION	
	SESSION CHAIR: Raffaele MARTONE	
8:45 - 9:30	WELCOME FROM THE AUTHORITIES Few notes from: Prof. Alida LABELLA (SUN) Prof. Raffaele MARTONE (SUN)	

	Prof. Augusto PARENTE (SUN) Prof. Paolo Vincenzo PEDONE (SUN) Prof. Gaetano SCARPETTA (IIASS)	
	SESSION CHAIR: Anna ESPOSITO	
9:30 - 10:15	Micro And Macro Spatial Dimensions Of The New Media Use In Five European Countries	Leopoldina Fortunati Invited Speaker
10:15 - 11:00	Embodiment, Language And Multimodal Cognition (Part I)	Tim Rohrer – Invited Speaker
11:00 - 11:30	Coffee Break	
	SESSION CHAIR: Nick CAMPBELL	
11:30 - 12:15	It's all about time: Timing effects on the perception and comprehension of speech.	Anna Esposito
12:15 - 13:00	Conversation, Interaction, Participation, and Mutual Ratification. A closer look	Dirk Heylen – Invited Speaker
13:00 - 14:30	Lunch Break	
	SESSION CHAIR: Marcos FAUNDEZ-ZANUY	
14:30 - 14:45	Semantic Information Retrieval	Di Martino Beniamino
14:45 -15:00	Comparing Music and Speech with a Closer Look on Automatic Music Information Retrieval	Hübler Stephan, Hoffmann Rüdiger
15:00 - 15:15	The Interactional And Multimodal Reference Construction In Children And Adults	Di Sano Sergio
15:15 - 16:00	Sketching And Prototyping Sonic Interaction Design	Davide Rocchesso – Invited Speaker
16:00 - 16:30	Coffee Break	
	SESSION CHAIR: Luigi TROJANO	
16:30 - 17:15	A context-based approach to the interpretation and generation of dialogue acts (part I)	Harry Bunt - Invited Speaker

17:15 - 17:30	Cultural differences in perception of facial expressions	Ruttkey Zsofia, Koda Tomoko
17:30 - 17:45	Problems of Emotion Recognition in Spontaneous Speech: Emotional State Recognition in Customer Service Dialogues Through Telephone Line	Vicsi Clara
17:45 - 18:00	Analysis of interrogatives in different domains	Moniz Helena, Batista F., Trancoso I., Mata, A. I
18:00 - 18:15	The influence of acted personality on a conversational partner's head movements in dialogs	Poppe Ronald
18:15 - 18:30	Towards a Postnopticon perspective: privacy, control and User Generated Content	Farinosi Manuela
	TUESDAY 16 MARCH 2010	
	PLEASE DO NOT FORGET TO SIGN THE ATTENDANCE LIST EACH DAY	
	SESSION CHAIR: Igor PANDZIC	
9:00 - 9:45	Embodiment, Language and Multimodal Cognition (Part II)	Tim Rohrer - Invited Speaker
9:45 -10:00	Naturalness, adaptation and cooperativeness in spoken dialogue systems	Gnjatović Milan
10:00 – 10:15	The Problem of Personal Differences in Multimodal Corpus Analysis for Nonverbal Listening Behavior	De Kok Iwan
10:15 – 10:30	Affect recognition in real life scenarios	Kostoulas Theodoros, Todor Ganchev, Nikos Fakotakis
10:30 – 10:45	Recognition of Emotions from Video and Speech: State of the Art and Suggestions for Future Improvements	Popović Branislav
10:45 - 11:00	Audio-Visual Isolated Word Recognition for Voice Dialogue System	Chaloupka Josef
11:00 - 11:30	Coffee Break	
	SESSION CHAIR: Tim ROHRER	
11:30 - 12:15	Human-centred multi-modal signal processing	Mohamed Chetouani - Invited Speaker

12:15 - 13:00	Facial motion, gestures and synthesized speech synchronization	Igor Pandzic - Invited Speaker
13:00 - 14:30	Lunch Break	
	SESSION CHAIR: Dirk HEYLEN	
14:30 - 15:15	A context-based approach to the interpretation and generation of dialogue acts (part II)	Harry Bunt - Invited Speaker
15:15 - 16:00	On the use of brain-computer interfaces outside scientific laboratories: toward an application in domotic environments	Fabio Babiloni - Invited Speaker
16:00 - 16:30	Coffee Break	
	SESSION CHAIR: Harry BUNT	
16:30 - 16:45	Improving Social Presence by Communicating Non-Verbal Behavior in Videoconferencing	Nijholt Anton , Zwiers Job, Van Dijk Betsy, Akker Rieks Op Den
16:45 - 17:00	Application of Sentic Computing for the Development of Context-Aware Multimodal Affective Interfaces	Cambria Erik
17:00 - 17:15	Investigating affective ratings and semantic content of auditory icons to improve the usability of multimodal systems	Seebode, Julia, Robert Schleicher, Shiva Sundaram, Sebastian Möller
17:15 - 17:30	Personal service robot for elderly living at home: a Bayesian Network model for user goal detection	Ganata Consuelo, Chetouani M., Bidaud P., Dupourqué V.
17:30 - 19:00	COST 2102 MANAGEMENT COMMITTEE MEETING (CHAIR ANNA ESPOSITO)	
	WEDNESDAY 17 MARCH 2010	
	PLEASE DO NOT FORGET TO SIGN THE ATTENDANCE LIST EACH DAY	
	SESSION CHAIR: Fred CUMMINS	
9:00 - 9:45	Social Signal Processing: Understanding Social Interactions through Nonverbal Behavior Analysis	Alessandro Vinciarelli - Invited Speaker

9:45 -10:00	Visual signals for prominence and speech intelligibility	Granström Bjorn, House David
10:00 - 10:15	Non-verbal expressions of turn management in TV interviews: a cross-cultural study between Greek and Icelandic	Koutsombogera Maria, Ammendrup Sigrún María
10:15 - 10:30	The Impact of Team Structure on Virtual Team Output Mediated by Task and Social Processes	Shwarts-Asher Daphna
10:30 - 10:45	Analysis of Emotional Voice Portrayals using a Skewing Quotient Measure of Vocal Fold Activity	Murphy Peter
10:45 - 11:00	Interaction with eye-gaze	Jokinen Kristiina
11:00 -11:30	Coffee Break	
	SESSION CHAIR: Bjorn GRANSTRÖM	
11:30 - 12:15	Speech as an Embodied Activity	Fred Cummins - Invited Speaker
12:15 - 12:30	Multiregression Analysis for the Main Variations Selection by Tracking Lip Motions Synchronized with Speech Signals	Puniene Jurate, Punys Jonas, Rudzionis Algimantas
12:30 - 12:45	An action-based concept for production and perception of sign language	Kröger Bernd
12:45 - 13:00	Signals and symbols - on the encoding of multiple speech varieties for speech synthesis	Neubarth Friedrich
14:30	<p>Participants will meet on the University Campus, at the entrance. From there we will move FOR VISTING THE ROYAL PALACE of CASERTA. The visit to the building will take about 1 hour and half. After it will be possible to walk in the park.</p> <p>Please inform the desk if you want to join.</p>	
18:30	<p>All the participants will meet on the Campus, at the entrance. From there we will walk for 5 minutes along Via Vivaldi, toward the railway station passing it until to a crossroads. The bus will be waiting there.</p> <p>Please inform the desk if you want to join the social dinner</p>	

	<p>and get the ticket and if you are vegetarian.</p> <p>For those looking for adventures, willing to reach the place by themselves, and not really hungry (☺) the Social Dinner will take place at the Ristorante Leucio, Via Giardini Reali, San Leucio, Caserta, Tel 0823 30 12 41 (GOOD LUCK IN FINDING THE PLACE ☺). The organization decline any responsibility: there are no public transportation)</p> <p>HAVE YOU SIGNED THE ATTENDANCE LIST TODAY?</p>	
	THURSDAY 18 MARCH 2010	
	PLEASE DO NOT FORGET TO SIGN THE ATTENDANCE LIST EACH DAY	
	SESSION CHAIR: Alessandro VINCIARELLI	
9:30 - 11:00	<p>1. Facial Muscles as Affect and Cognition Shaping Resources</p> <p>2. Socially grounded embodiment</p>	Gün R. Semin - Invited Speaker
11:00 - 11:30	Coffee Break	
	SESSION CHAIR: Lucia ABBAMONTE	
11:30 - 12:15	Modeling soft conversational skills for embodied conversational agents	Catherine Pelachaud - Invited Speaker
12:15 - 12:45	Phonetic convergence: overview and preliminary experiments	Gerard Bailly, Amélie Lelong - Invited Speaker
12:45 - 13:00	Audio-visual training-aid for speechreading	Bothe Hans-Heinrich, Gebert Hermann
13:00 - 14:30	Lunch Break	

	SESSION CHAIR: Mohamed CHETOUANI	
14:30 - 14:45	Multi-Modal Analysis Of Dance Performances For Music-Driven Choreography Synthesis	Yucel Yemez
14:45 - 15:00	Different sensor face images study from an information theory point of view	Espinosa-Duró Virginia, Faundez-Zanuy Marcos, Mekyska Jiří
15:00 - 15:15	The Influence of Verbal Information on Eye-Movement Information Acquisition Patterns	Grinberg Maurice, Evgeniya Hristova, Severina Georgieva
15:15 - 15:30	The effects of violent gaming on psycho-physiological and electro-physiological measures of stress and aggression	Kalogreades Lawrence, Loizou Antonis, Laouris Yiannis
15:30 -16:00	<i>DiGest</i> , web-based multicultural and multimodal <i>Dictionary of Gestures</i> .	Rusko Milan
16:00 - 16:30	Coffee Break	
	SESSION CHAIR: David HOUSE	
16:30 - 17:15	MMX - Multimodal Expressive; conversation as a pre-linguistic social activity	Nick Campbell - Invited Speaker
17:15 -17:30	Hungarian Vocal Gesture Database	Sztahó Dávid, , A. Czira, K. Vicsi
17:30 – 17:45	Recognition of Voice Commands Using The Syllable Discrimination	Maskeliunas Rytis, Rudzionis Algimantas
17:45 – 18:00	Nonverbal Synchrony in Cooperation and Competition	Ramseyer Fabian, Tschacher Wolfgang
18:00 - 18:15	Improving Automatic Emotion Recognition From Speech Signals	Bozkurt Elif
18:15 - 18:30	Visual ontology helps me understand the complicated things	Lascu Alina Eugenia, Adrian Braşoveanu, Sorin C. Negulescu, Lucian Blaga

	FRIDAY 19 MARCH 2010	
	PLEASE DO NOT FORGET TO SIGN THE ATTENDANCE LIST EACH DAY	
	SESSION CHAIR: Maria KOUTSOMBOGERA	
9:00 - 9:45	More Than Words: Prosody and Pragmatics as a Source of Socially Relevant Information in Conversations	Alessandro Vinciarelli - Invited Speaker
9:45 - 10:30	Interaction and Resistance: The Recognition of Intentions	Vincent Müller – Invited Speaker
10:30 - 10:45	Application of Semantic Web techniques in the management of affective information of community-contributed multimedia resources	Grassi Marco
10:45 - 11:00	Training and exploiting gesture interaction skills through audiovisual feedback	Muñoz Iván Ramos
11:00 - 11:30	Coffee Break	
	SESSION CHAIR: Vincent MÜLLER	
11:30 - 12:15	Time in mental activity: theoretical, behavioral, bioimaging, and clinical perspectives	Argiro Vatakis - Invited Speaker
12:15 - 12:30	Analyzing Arabic vowel ASR system errors	Alotaibi Yousef , Hussain Amir
12:30 - 12:45	An experiment with spectral analysis of emotional speech affected by orthodontic appliances	Pribil Jiří, Přibilová Anna
12:45- 13:00	Speech modeling using the complex cepstrum	Vich Robert, Vondra Martin
13:00 - 14:30	Lunch Break	
	SESSION CHAIR: Sascha FAGEL	
14:30 - 14:45	Two Stage Audiovisual Speech Filtering	Abel Andrew
14:45 - 15:00	The cognitive representation of human actions: Can the robotic brain understand the meaning of actions?	Fagioli Sabrina, Ferlazzo Fabio, D'olimpio Francesca
15:00 - 15:15	Hungarian multimodal database – speech recording and annotation	Papay Kinga

15:15 - 15:30	Cultural Specific Effects on the Recognition of Basic Emotions: A Study on Italian Subjects.	Riviello Maria Teresa, Carbone Domenico, Nikolaos Bourbakis, Anna Esposito
15:30 - 15:45	Recognizing emotions in spoken dialogs	Atassi Hicham
15:45 - 16:00	A Comparative Study on Speech Feature Densities for Bayesian Estimation in robust ASR.	Simone Cifani, Emanuele Principi, Rudy Rotili, Stefano Squartini, Francesco Piazza
16:00-16:15	CONCLUSIONS and COFFE Break	
	HAVE YOU SIGNED THE ATTENDANCE LIST ?	