

MAIN CONFERENCE SCHEDULE

Day 1: Thursday, 29th August 2013

8:30

Registration desk opens

9:20-9:30

Welcome

9:30-10:30

Keynote 1: Jacqueline Nadel

10:30-10:50

Coffee break

10:50-12:45

Paper Session 1: Cognitive Models

Chair: Brigitte Krenn

25

Using A Parameterized Memory Model to Modulate NPC AI

Weizi Li, John Balint, Jan Allbeck

25

DyBaNeM: Bayesian Episodic Memory Framework for Intelligent Virtual Agents

Rudolf Kadlec, Cyril Brom

25

Self-Organizing Cognitive Models for Virtual Agents

Yilin Kang, Ah-Hwee Tan

25

Are you thinking what I'm thinking? An Evaluation of a Simplified Theory of Mind

Ning Wang, Stacy Marsella, David Pynadath

15

Censys: A Model for Distributed Embodied Cognition

Tiago Ribeiro, Marco Vala, Ana Paiva

12:45-14:00

Lunch

14:00-15:30

Paper Session 2: Applications 1: Health

Chair: Ruth Aylett

25

Automated Promotion of Technology Acceptance by Clinicians Using Relational Agents

Timothy Bickmore, Laura Vardoulakis, Michael Paasche-Orlow, Brian Jack

25

Virtual agents as daily assistants for elderly or cognitively impaired people - Studies on acceptance and interaction feasibility

Ramin Yaghoubzadeh, Marcel Kramer, Karola Pitsch, Stefan Kopp

25

Modeling Brief Alcohol Intervention Dialogue with MDPs for Delivery by ECAs

Ugan Yasavur, Christine Lisetti, Naphtali Rishe

15

Gendering the Machine: Preferred Virtual Assistant Gender and Realism in Self-service

Jeunese Payne, Andrea Szymkowiak, Paul Robertson, Graham Johnson

15:30-15:50

Coffee break

15:50-17:00

Paper Session 3: Applications 2

Chair: Oliver Lemon

25

Cicero - Towards a Multimodal Virtual Audience Platform for Public Speaking Training

Ligia Batrinca, Giota Stratou, Stefan Scherer, Ari Shapiro, Louis-Philippe Morency

15

A Question-answering Agent using Speech Driven Non-Linear Machinima

Anuj Tewari, Timothy Brown, John Canny

15

A Virtual Agent as Vocabulary Trainer: Iconic Gestures Help to Improve Learners Memory Performance

Kirsten Bergmann, Manuela Macedonia

15

Using Linguistic Alignment to enhance Learning Experience with Pedagogical Agents: the Special Case of Dialect

Vivien Kühne, Astrid Marieke Rosenthal-von der Pütten, Nicole Krämer

17:15-19:30

Posters

18:30-20:30

Welcome Reception

Day 2:	Friday, 30th August 2013
8:30	<i>Registration desk opens</i>
9:00-10:00	Keynote 2: Charles Sutton
10:00-10:40	Paper Session 4: Dialogue, Language, Speech 1 <i>Chair: Hiroshi Shimodaira</i>
25	Controlling the Listener Response Rate of Virtual Agents <i>Iwan de Kok, Dirk Heylen</i>
15	The Influence of Prosody on the Requirements for Gesture-Text Alignment <i>Yingying Wang, Michael Neff</i>
10:40-11:00	Coffee break
11:00-12:45	Paper Session 5: Dialogue, Language, Speech 2 <i>Chair: Matthew Aylett</i>
25	Prediction of Visual Backchannels in the Absence of Visual Context Using Mutual Influence <i>Derya Ozkan, Louis-Philippe Morency</i>
25	Modeling the semantic coordination of speech and gesture under cognitive and linguistic constraints <i>Kirsten Bergmann, Sebastian Kahl, Stefan Kopp</i>
25	Modeling Multimodal Behaviors From Speech Prosody <i>Yu Ding, Catherine Pelachaud, Thierry Artières</i>
15	An Examination of Whether People Prefer Agents Whose Gestures Mimic Their Own <i>Pengcheng Luo, Victor Ng-Thow-Hing, Michael Neff</i>
15	Impact of Varying Vocabularies on Controlling Motion of a Virtual Actor <i>Klaus Förger, Timo Honkela, Tapio Takala</i>
12:45-14:00	Lunch
14:00-15:00	Keynote 3: Beth Ann Hockey
15:00-15:50	Paper Session 6: Non-verbal behaviour 1 <i>Chair: Jean-Claude Martin</i>
25	Conversational Gaze Aversion for Virtual Agents <i>Sean Andrist, Bilge Mutlu, Michael Gleicher</i>
25	From a User-Created Corpus of Virtual Agent's Non-Verbal Behavior to a Computational Model of Interpersonal Attitudes <i>Brian Ravenet, Magalie Ochs, Catherine Pelachaud</i>
15:50-16:10	Coffee break
16:10-17:10	Paper Session 7: Non-verbal behaviour 2 <i>Chair: Catherine Pelachaud</i>
15	Explaining the Variability of Human Nonverbal Behaviors in Face-to-Face Interaction <i>Lixing Huang, Jonathan Gratch</i>
15	Head motion analysis and synthesis over different tasks <i>Atef Ben Youssef, Hiroshi Shimodaira, David Braude</i>
15	Using Virtual Agents to Guide Attention in Multi-task Scenarios <i>Philipp Kulms, Stefan Kopp</i>
15	Gesture with meaning <i>Margaux Lhommet, Stacy Marsella</i>
17:10-17:40	DEMO adverts
17:45-18:45	GALA
20:00	Conference banquet at The Caves 8-12 Niddry Street South, Edinburgh, EH1 1NS http://www.thecavesedinburgh.com Ghost tours

Day 3: Saturday, 31st August 2013

9:30-10:30 Keynote 4: Alessandro Vinciarelli

10:30-11:30 Demos + Coffee break

11:30-13:05 Paper Session 8: Social, cultural models and agents

Chair: Stefan Kopp

25 Conceptualizing Social Power for Agents

Gonçalo Pereira, Rui Prada, Pedro A. Santos

25 Social Importance Dynamics: A Model for Culturally-Adaptive Agents

Samuel Mascarenhas, Ana Paiva, Rui Prada, Gert Jan Hofstede

15 Looking Real and Making Mistakes

Yuqiong Wang, Peter Khooshabeh, Jonathan Gratch

15 Whats going on? Multi-Sense Attention for Virtual Agents

John Balint, Jan Allbeck

15 A Qualitative Evaluation of Social Support by an Empathic Agent

Janneke van der Zwaan, Virginia Dignum, Catholijn Jonker

13:05-14:15 Lunch

14:15-15:35 Paper Session 9: Tools and techniques

Chair: Jonas Beskow

25 All Together Now, Introducing the Virtual Human Toolkit

Arno Hartholt, David Traum, Stacy Marsella, Ari Shapiro, Giota Stratou, Anton Leuski, Louis-Philippe Morency, Jonathan Gratch

25 Real-Time Behavioral Animation of Humanoid Non-Player Characters with a Computational Ecosystem

Rui Antunes, Frederic Leymarie

15 Judging Personality Using an Open-Ended Question

Kris Liu, Jackson Tolins, Jean Fox Tree, Marilyn Walker, Michael Neff

15 An affective virtual agent providing embodied feedback in the paired associate task: system design and evaluation

Christian Becker-Asano, Philip Stahl, Marco Ragni, Matthieu Courgeon, Jean-Claude Martin, Bernhard Nebel

15:35-15:50 Closing Session

POSTER PAPERS

1. **Expressive Animation: Towards a Procedural Solution**
Ewan McGregor, Robin Sloan
2. **Interactive Machine Learning for Virtual Agents**
Marco Gillies, Andrea Kleinsmith
3. **An Eye Movement Model for the Purpose of Emotional Expression**
Chen Jiang, Jun Yu, Zengfu Wang
4. **Effects of Users' Social Skill on Evaluations of a Virtual Agent That Exhibits Self-adaptors**
Tomoko Koda
5. **Activity Planning for Long-Term Relationships**
William Coon, Charles Rich, Candace Sidner
6. **Realistic facial animation driven by a single-camera video**
Changwei Luo, Jun Yu, Zengfu Wang
7. **The INGREDIBLE Database: A First Step toward Dynamic Coupling in Human-Virtual Agent Body Interaction**
Igor Stankovic, Pierre De Loor, Virginie Demulier, Alexis Nédélec, Elisabetta Bevacqua
8. **OpenBMLParser: an Open Source BML Parser/Analyzer**
Herwin van Welbergen
9. **A companion robot that can tell stories**
Carole Adam, Lawrence Cavedon
10. **Towards mapping and segmentation of very large scale spaces with intelligent virtual agents**
Katrina Samperi, Nick Hawes, Russell Beale
11. **A Character Agent System for Promoting Service-Minded Communication**
Kaoru Sumi, Ryuji Ebata
12. **A Speech-enabled Intelligent Agent for Pedestrian Navigation and Tourist Information**
Srinivasan Janarthanam, Oliver Lemon, Phil Bartie, Tiphaine Dalmas, Xingkun Liu, William Mackaness, Bonnie Webber
13. **What did Spot Hide?: A Question-Answering Game for Preschool Children**
Anuj Tewari, Peiyi Ko, John Canny
14. **A Software Framework for Social Cue-based Interaction with a Virtual Recruiter**
Ionut Damian, Tobias Baur, Patrick Gebhard, Kaska Porayska-Pomsta, Elisabeth Andre
15. **Size Certainly Matters - at Least if You Are a Gesticulating Digital Character: The Impact of Gesture Amplitude on Addressees' Information Uptake**
Mette Clausen-Bruun, Tobias Ek, Magnus Haake
16. **A Procedural Approach to Simulate Virtual Agents Behaviors in Indoor Environments**
Laura Flach, Vinicius Cassol, Fernando Marson, Soraia Musse
17. **Animating Mixed Emotions: Can Basic Emotion Blends be Recognized from a Virtual Face?**
Meeri Mäkäräinen, Jari Kätsyri, Tapio Takala
18. **A Thousand Words Paint a Picture - Examining Interviewer Effects with Virtual Agents**
Jennifer Klatt, Astrid Marieke Rosenthal-von der Pütten, Laura Hoffmann, Nicole Krämer
19. **Deep Conversations on a Flat Screen? A Comparison of Virtual Agents in Videos and Immersive Virtual Environments**
Jennifer Klatt, Nicole Krämer
20. **yaPOSH Action Selection**
Jakub Gemrot, Jan Havlíček, Michal Bída, Rudolf Kadlec, Cyril Brom
21. **Social Identity Bias in Agents' Rational Decision**
Joana Dimas, Phil Lopes, Guida Preto, Pedro A. Santos, Rui Prada
22. **Tell me a story: A comparative study of child interaction with virtual characters and adults**
Ovidiu Serban, Alexandre Pauchet, Anne Bersoult, Emilie Chanoni

23. **A Dynamic Persuasive Dialogue Model for Encouraging Social Interaction for Older Adults**
Judith Masthoff, Nir Oren, Matt Dennis, John Paul Vargheese, Somayajulu Sripada
24. **The University of Edinburgh Head-motion and Audio Storytelling (UoE-HAS) Dataset**
David Braude, Hiroshi Shimodaira, Atef Ben Youssef
25. **Incremental, Adaptive and Interruptive Speech Realization for Fluent Conversation with ECAs**
David Schlangen, Herwin van Welbergen, Timo Baumann, Stefan Kopp
26. **The Effect of Multiple Modalities on the Perception of a Listening Agent**
Ronald Poppe Mark ter Maat, Dirk Heylen
27. **Who is the Werewolf?**
Mei Yü Lim, Ruth Aylett, Joao Dias, Birgit Endrass, Eva Krumhuber, Gert Jan Hofstede, Lynne Hall
28. **Evaluating the Impact of ECAs on User Navigation Performance and Perception**
Ioannis Doumanis, Serengul Smith
29. **Modelling Social Power Intelligent Agents**
Gonalo Pereira, Rui Prada, Pedro A. Santos
30. **Evaluating the accessibility of ECA-based information presentation systems**
Ioannis Doumanis, Serengul Smith
31. **Finding the Timings for a Guide Agent to Intervene User-user Conversation to Provide Information Actively**
Shochi Otogi, Hung-Hsuan Huang, Ryo Hotta, Kyoji Kawagoe
32. **Gestural adaptation in matched and mismatched extravert-introvert pairs and implications for IVAs**
Jackson Tolins, Kris Liu, Yingying Wang, Jean Fox Tree, Marilyn Walker, Michael Neff
33. **Web-enabled 3D talking avatars based on WebGL and HTML5**
Jonas Beskow, Kalin Stefanov
34. **Deus-Ex - Interactive Machinima Movies for Cognitive Behavioral Therapy**
Pablo Paredes, Anuj Tewari, John Canny

DEMOS

High-fidelity automated speech animation

Michael Berger

Social attitude influence on the nonverbal behavior of an agent

Brian Ravenet

CereProc's Emotional Text-to-Speech

Chris Pidcock

User Experiences in Virtual Agents

Kate Ho

Cerebella: Generating virtual human performances from speech and text

Margot Lhommet, Teresa Dey, Stacy Marsella

Interactive Machine Learning for Virtual Agents

Marco Gillies

MIXER (Moderating Interactions for Cross-Cultural Empathic Relationships)

Mei Yü Lim

TRAVELLER: An Agent Based Application for Intercultural Training

Samuel Mascarenhas, Christopher Ritter

Looking real and making mistakes

Yuqiong Wang, Peter Khooshabeh, Jonathan Gratch

Modeling Multimodal Behaviors From Speech Prosody

Yu Ding

The Furhat Social Companion Talking Head

Samer Al Moubayed, Jonas Beskow, Gabriel Skantze

WORKSHOP I

Computers as Social Actors

Wednesday, 28th August 2013

- 9:30-10:00 **Introduction**
- 10:00-10:30 **A crowdsourcing toolbox for a user-perception based design of social virtual actors**
Magalie Ochs, Brian Ravenet and Catherine Pelachaud
- 10:30-11:00 **Capturing the Obvious - an iterative approach to enculturing artificial agents**
Peter Wallis and Bruce Edmonds
- 11:00-11:15 ***Coffee break***
- 11:15-11:45 **Social Agency in an Interactive Training System**
Norbert Reithinger and Ben Hennig
- 11:45-12:15 **Taking Things at Face Value: How Stance Informs Politeness of Virtual Agents**
Jeroen Linssen, Mariët Theune and Dirk Heylen
- 12:15-14:00 ***Lunch***
- 14:00-14:30 **Socially Adaptive Electronic Partners for Socio-geographical Support**
Abdullah Kayal, M. Birna Van Riemsdijk, Willem-Paul Brinkman and Mark Neerincx
- 14:30-15:00 **The Effect of Variations in Emotional Expressiveness on Social Support**
Janneke Van Der Zwaan, Virginia Dignum and Catholijn Jonker
- 15:00-15:30 **The Intentional Interface**
Peter Wallis
- 15:30-17:00 **Coffee discussion and conclusion**

WORKSHOP II and IV

Techniques Towards Companion Technologies (T2CT 2013)
Cultural Characters In Games And Learning (CCGL 2013)

Wednesday, 28th August 2013

- 12:15-13:00 ***Lunch***
- 13:00-14:00 **Welcome / introduction talk**
- 14:00-16:00 **talks of T2CT:**
- 16:00-17:00 ***Coffee break joint with demos***
- 17:00-18:00 **talks of CCGL**

WORKSHOP III

Multimodal Corpora: Beyond Audio and Video (MMC2013)

Sunday, 1st September 2013

09:00-09:30	Talk 1
09:30-10:00	Talk 2
10:00-10:30	Talk 3
10:30-11:00	<i>Break</i>
11:00-11:30	Talk 4
11:30-12:00	Talk 5
12:00-12:30	Talk 6
12:30-14:00	<i>Lunch</i>
14:00-14:30	Talk 7
14:30-15:00	Talk 8
15:00-15:30	Talk 9
15:30-16:00	<i>Break</i>
16:00-16:30	Talk 10
16:30-17:00	Talk 11
17:00-17:30	Discussion
17:30	End

Doctoral Consortium

Wednesday, 28th August 2013

10.00-10:30	Arrival, poster viewing
10:30-11:30	Paper Session 1, feedback from peers and established researchers
11:30-11:45	<i>Coffee</i>
11:45-13:00	Paper Writing: tips and hints from the Chair of IVA
13.00-14:00	<i>Lunch & poster viewing</i>
14:00-15:00	Paper Session 2 and feedback from peers
15:00-15:45	Contribution and Impact: how to pitch your research
15:45-16:00	<i>Coffee</i>
16.00-17:00	Panel Session & discussion
17.00	Finish