Intelligent Virtual Agents 2014 – Conference Schedule

TUESDAY, Aug 26
8:00 Registration desk opens (WVG ground floor lobby, until 5), Coffee
9-5: Workshops (Architectures & Standards, Affective Agents, Playful Characters), Doctoral Consortium
  8-9 Coffee (WVG lobby)
  9 Workshops start
  10:30-11 Coffee Break (WVG lobby)
  12-1:30 Lunch (Curry student center)
  3-3:30 Coffee Break (WVG lobby)

WEDNESDAY, Aug 27
8:00 Registration desk opens (WVF ground floor lobby, until 5), Coffee

9:00-9:10 Welcome

9:10-10:10 Keynote: Joseph Kvedar

10:10-10:40 Coffee break

10:40-12:15 Paper Session 1 (Health 1; chair: Willem-Paul Brinkman)

  Naturalistic Pain Synthesis for Virtual Patients (Long Paper)
  *Maryam Moosaei, Michael J. Gonzales, and Laurel D. Riek*

  Exploring Gender biases with Virtual Patients for High Stakes Interpersonal Skills Training (Long Paper)
  *Diego J. Rivera-Gutierrez, Regis Kopper, Andrea Kleinsmith, Juan Cendan, Glen Finney, and Benjamin Lok*

  Building Virtual Humans with Back Stories: Training Interpersonal Communication Skills in Medical Students (Short Paper)
  *Andrew Cordar, Michael Borish, Adriana Foster, and Benjamin Lok*

  An Eye tracking Evaluation of a Virtual Pediatric Patient Training System for Nurses (Short Paper)
  *Toni B Pence, Lauren C Dukes, Larry F Hodges, Nancy K Meehan, and Arlene Johnson*

12:15-13:30 Lunch
13:30-14:45  Paper Session 2 (Health 2; chair: Michael Neff)

A Qualitative Evaluation of Behavior During Conflict with an Authoritative Virtual Human (Long Paper)
Andrew Robb, Casey White, Andrew Cordar, Adam Wendling, Samsun Lampotang, and Benjamin Lok

Maintaining Continuity in Longitudinal, Multi-Method Health Interventions Using Virtual Agents: The Case of Breastfeeding Promotion (Short Paper)
Zhe Zhang, Timothy Bickmore, Krissy Mainello, Meghan Mueller, Mary Foley, Lucia Jenkins, Roger A. Edwards

Birth Control, Drug Abuse, or Domestic Violence?: What Health Risk Topics Are Women Willing to Discuss with A Virtual Agent? (Short Paper)
Jingjing Ren, Timothy Bickmore, Megan Hempstead, and Brian Jack

Motion Parameterization and Adaptation Strategies for Virtual Therapists (Short Paper)
Carlo Camporesi, Anthony Popelar, Marcelo Kallmann, and Jay Han

14:45-15:15  Coffee break

15:15-16:30  Paper Session 3 (Health 3; chair: Jon Gratch)

Agent-User Concordance and Satisfaction with a Virtual Hospital Discharge Nurse (Long Paper) Best Paper Award Nominee!
Shuo Zhou, Timothy Bickmore, Michael Paasche-Orlow, and Brian Jack

Using Virtual Doppelgängers to Increase Personal Relevance of Health Risk Communication (Long Paper)
Sun Joo (Grace) Ahn, Jesse Fox, and Jung Min Hahm

A Virtual Therapist for Speech and Language Therapy (Short Paper)
Sarel van Vuuren and Leora R. Cherney

16:30-17:30  Keynote: Michael Paasche-Orlow

18:00 -20:00 Opening Reception / Poster Session / Demo Session
THURSDAY, Aug 28

8:30  Registration desk opens (WVF ground floor lobby, until 5), Coffee

9:00-10:00  Keynote: Terrence Masson

10:00-10:30  Coffee break

10:30-12:00  Paper Session 4 (Animation; chair: Marcelo Kallman)

Upper Body Animation Synthesis for a Laughing Character (Short Paper)
Yu Ding, Jing Huang, Nesrine Fourati, Thierry Artières, and Catherine Pelachaud

A Data-Driven Method for Real-Time Character Animation in Human-Agent Interaction (Long Paper)
David Vogt, Steve Grehl, Erik Berger, Heni Ben Amor, and Bernhard Jung

Compound Gesture Generation: A Model Based On Ideational Units (Long Paper)
Best Paper Award Nominee!
Yuyu Xu, Catherine Pelachaud, and Stacy Marsella

Metaphoric Gestures: Towards Grounded Mental Spaces (Short Paper)
Margot Lhommet and Stacy Marsella

12:00-13:30  Lunch

13:30-15:00  Paper Session 5 (Gesture; chair: Justine Cassell)

From Non-verbal Signals Sequence Mining to Bayesian Networks for Interpersonal Attitudes Expression (Long Paper) Best Paper Award Nominee!
Mathieu Chollet, Magalie Ochs and Catherine Pelachaud

Corpus Creation and Perceptual Evaluation of Expressive Theatrical Gestures (Short Paper).
Pamela Carreno-Medrano, Sylvie Gibet, Caroline Laboulette, and Pierre-François Marteau

Towards Learning Nonverbal Identities from the Web: Automatically Identifying Visually Accentuated Words (Short Paper)
AmirAli B. Zadeh, Kenji Sagae, and Louis Philippe Morency

Effects of an Agent's Displaying Self-adaptors during a Serious Conversation (Short Paper)
Tomoko Koda and Yuko Mori

The Right Agent for the Job? The Effects of Agent Visual Appearance on Task Domain (Short Paper)
Lazlo Ring, Dina Utami, and Timothy Bickmore
15:00-15:30 Coffee break

15:30-17:00 Paper Session 6 (Behavior Planning & Social Behavior; chair: Ana Paiva)

  Planning Motions for Virtual Demonstrators (Long Paper)
  *Yazhou Huang and Marcelo Kallmann*

  AsapRealizer 2.0: The Next Steps in Fluent Behavior Realization for ECAs (Long Paper) *Best Paper Award Nominee!*
  *Herwin van Welbergen, Ramin Yaghoubzadeh, and Stefan Kopp*

  Effects of Coupling in Human-virtual Agent Body Interaction (Short Paper)
  *Elisabetta Bevacqua, Igor Stanković, Ayoub Maatallaoui, Alexis Nédélec, and Pierre De Loor*

  With us or Against us: Simulated Social Touch by Virtual Agents in a Cooperative or Competitive Setting (Short Paper)
  *Gijs Huisman, Jan Kolkmeier, and Dirk Heylen*

17:00-19:00 Travel & Free time at Boston Museum of Science

19:00-22:00 Reception & Banquet - Boston Museum of Science
FRIDAY, Aug 29

8:30  Registration desk opens (WVF ground floor lobby, until 12), Coffee

9:00-10:00  Keynote: Rosalind Picard

10:00-10:30  Coffee break

10:30-12:15  Paper Session 7 (Emotional behavior and Rapport; chair: Catherine Pelachaud)

  Is that How Everyone Really Feels? Emotional Contagion with Masking for Virtual Crowds (Short Paper)
  *Tim Balint and Jan M. Allbeck*

  Let’s Be Serious and Have a Laugh: Can Humor Support Cooperation with a Virtual Agent? (Short Paper)
  *Philipp Kulms, Stefan Kopp, and Nicole C. Krämer*

  Look on the Bright Side: A Model of Cognitive Change in Virtual Agents (Short Paper)
  *Juan Martínez-Miranda, Adrián Bresó, and Juan Miguel García-Gómez*

  ERiSA: Building Emotionally Realistic Social Game-Agents Companions (Short Paper)
  *Andry Chowanda, Peter Blanchfield, Martin Flintham, and Michel Valstar*

  Virtual Reflexes (Short Paper)
  *Catholijn M. Jonker, Joost Broekens, and Aske Plaat*

  Towards a Dyadic Computational Model of Rapport Management for Human-Virtual Agent Interaction (Long Paper)
  *Ran Zhao, Alexandros Papangelis, and Justine Cassell*

12:15-13:30  Lunch

13:30-15:00  Paper Session 8 (Language; chair: Dirk Heylen)

  Large-scale Collection and Analysis of Personal Question-answer Pairs for Conversational Agents (Long Paper)
  *Hiroaki Sugiyama, Toyomi Meguro, Ryuichiro Higashinaka, and Yasuhiro Minami*

  When to Elicit Feedback in Dialogue: Towards a Model Based on the Information Needs of Speakers (Short Paper)
  *Hendrik Buschmeier and Stefan Kopp*
Luke, I am your father: Dealing with Out-of-domain Requests by Using Movies Subtitles (Short Paper)
David Ameixa, Luisa Coheur, Pedro Fialho, and Paulo Quaresma

On the Sociability of a Game-Playing Agent: A Software Framework and Empirical Study (Long Paper)
Morteza Behrooz, Charles Rich, and Candace Sidner

15:00-15:30 Coffee break

15:30-16:45 Paper Session 9 (Behavior; chair: Ruth Aylett)

Agents Behavior Semi-automatic Analysis through their Comparison to Human Behavior Clustering (Short Paper)
Kévin Darty, Julien Saunier, and Nicolas Sabouret

Steps Towards a Challenging Teachable Agent (Short Paper)
Annika Silvervarg, Camilla Kirkegaard, Jens Nirme, Magnus Haake, and Agneta Gulz

Developing Interactive Embodied Characters Using the Thalamus Framework: A Collaborative Approach (Short Paper)
Tiago Ribeiro, Eugenio di Tullio, Lee J. Corrigan, Aidan Jones, Fotios Papadopoulos, Ruth Aylett, Ginevra Castellano, and Ana Paiva

Representing Communicative Functions in SAIBA with a Unified Function Markup Language (Long Paper)
Angelo Cafaro, Hannes Högni Vilhjálmssson, Timothy Bickmore, Dirk Heylen, and Catherine Pelachaud

16:45-17:00 Closing Session

18:00 Social Outing (Optional)
Long Wharf: Liberty Schooner Sail in Boston Harbor, Group dinners at various Boston restaurants
Posters

Animated Faces, Abstractions and Autism
*Diana Arellano, Volker Helzle, Ulrich Max Schaller, and Reinhold Rauh*

Narrative Scenarios as a Testbed for Moral Agents
*Cristina Battaglino and Rossana Damiano*

Improving Motion Classifier Robustness by Estimating Output Confidence
*Durell Bouchard*

A Method to Evaluate Response Models
*Merijn Bruijnes, Sjoerd Wapperom, Rieks op den Akker, and Dirk Heylen*

An Exploratory Analysis of ECA Characteristics
*Adriana Camacho, Alex Rayon, Ivan Gris, David Novick*

Simulating Deceptive Cues of Joy in Humanoid Robots
*Birgit Endrass, Markus Haering, Gasser Akila, and Elisabeth André*

Recommendations for Designing Maximally Effective and Persuasive Health Agents
*Jesse Fox and Sun Joo (Grace) Ahn*

Recorded Speech, Virtual Environments, and the Effectiveness of Embodied Conversational Agents
*Ivan Gris, David Novick, Adriana Camacho, Diego A. Rivera, Mario Gutierrez, and Alex Rayon*

Exploring the Difference of the Impression on Human and Agent Listeners in Active Listening Dialog
*Hung-Hsuan Huang, Natsumi Konishi, Sayumi Shibusawa, and Kyoji Kawagoe*

A Step towards Modelling Group Behaviour in Autonomous Synthetic Characters
*Naziya Hussaini and Ruth Aylett*

Dynamical Systems to Account for Turn-Taking in Spoken Interactions
*Mathieu Jégou, Pierre Chevaillier, and Pierre De Loor*

Ascribed Gender and Characteristics of a Visually Androgynous Teachable Agent
*Camilla Kirkegaard, Betty Törning, Magnus Haake, Agneta Gulz, and Annika Silvervarg*

Full Body Interaction with Virtual Characters in an Interactive Storytelling Scenario
*Felix Kistler, Birgit Endrass, and Elisabeth André*
Towards Realistic Female Avatar Creation A Tool for Virtual Actor Design and Player Choice  
*James Lee and Stefan Rank*

From Data to Storytelling Agents  
*Boyang Li, Mohini Thakkar, Yijie Wang, and Mark O. Riedl*

Building Community & Commitment with a Virtual Coach in Mobile Wellness Programs  
*Stephanie M. Lukin, G. Michael Youngblood, Honglu Du, and Marilyn Walker*

Generative Models of Cultural Decision Making for Virtual Agents Based on User’s Reported Values  
*Elnaz Nouri and David Traum*

Mapping Personality to the Appearance of Virtual Characters using Interactive Genetic Algorithms  
*Fabrizio Nunnari and Alexis Heloir*

Towards a Computational Architecture of Dyadic Rapport Management for Virtual Agents  
*Alexandros Papangelis, Ran Zhao, and Justine Cassell*

A Cognitive Model of Social Relations for Artificial Companions  
*Florian Pecune, Magalie Ochs and Catherine Pelachaud*

Personalization and Personification: A Constructive Approach Based on Parametric Agents  
*Fabrice Popineau, Georges Dubus and Yolaine Bourda*

Interpersonal Attitude of a Speaking Agent in Simulated Group Conversations  
*Brian Ravenet, Angelo Cafaro, Magalie Ochs, and Catherine Pelachaud*

Evaluating the Impact of Anticipation on the Efficiency and Believability of Virtual Agents  
*Quentin Reynaud, Jean-Yves Donnart, and Vincent Corruble*

Design Guidelines for A Virtual Coach for Post-Traumatic Stress Disorder Patients  
*Myrthe Tielman, Willem-Paul Brinkman, and Mark A. Neerinck*

Statistical Dialog Manager Design Tool for Health Screening and Assessments  
*Ugan Yasavur, Christine Lisetti, and Napthali Rishe*