



Conference Program

Note: Long presentations are 20 minutes, short ones are 10 minutes and additional time will be given after each talk for questions

DAY 1: Thursday, September 15th

07:45 Registration Desk Opens (closes at 17:00)

08:30-09:00 **Welcome**

09:00-10:00 **Keynote 1: Svanhildur Óskarsdóttir**

Chair: Hannes Vilhjalmsón

10:00-10:30 Coffee

10:30-12:00 **Paper Session 1: Social and Dramatic Interaction**

Chair: Ruth Aylett

- 20 Culture-related topic selection in SmallTalk conversations across Germany and Japan
- 20 "I like your shirt" - Dialogue Acts for Enabling Social Talk in Conversational Agents
- 10 Virtual clones: Data-driven social navigation
- 10 Tilt Riders: Improvisational Agents Who Know What the Scene is About
- 10 Digital Improvisational Theatre: Party Quirks
- 10 Where to Sit? The Study and Implementation of Seat Selection in Public Places

Birgit Endrass, Yukiko Nakano, Afia Akhter Lipi, Matthias Rehm, Elisabeth André
Tina Kluewer
Doron Friedman
António Brisson, Brian Magerko, Ana Paiva
Christopher DeLeon, Brian Magerko, Peter Dohogne
Elín Carstensdóttir, Kristín Guðmundsdóttir, Gunnar Steinn Valgarðsson, Hannes Vilhjalmsón

12:00-13:00 Lunch

13:00-14:50 **Paper Session 2: Guides and Relational Agents**

Chair: Ana Paiva

- 20 Relational Agents Improve Engagement and Learning in Science Museum Visitors
- 20 Virtual Rapport 2.0
- 20 It's in their eyes: A study on female and male virtual humans' gaze
- 10 Get Involved in an Interactive Virtual Tour of Brest Harbour: Follow the guide and Participate
- 10 Using virtual tour behavior to build dialogue models for training review
- 10 Posture, Relationship, and Discourse Structure

Timothy Bickmore, Laura Pfeifer, Daniel Schulman
Lixing Huang, Louis-Philippe Morency, Jonathan Gratch
Philipp Kulms, Nicole Krämer, Jonathan Gratch, Sin-Hwa Kang
Mukesh Barange, Pierre De Loo, Vincent Louis, Ronan Querrec, Julien Soler, Thanh-Hai Trinh, Eric Maisel, Pierre Chevaillier
Antonio Roque, Mark Core, Dusan Jan, David Traum
Daniel Schulman, Timothy Bickmore

14:50-15:20 Coffee

15:20-17:00 **Paper Session 3: Nonverbal Behavior**

Chair: Dirk Heylen

- 20 Sign Language Avatars: Animation and Comprehensibility
- 20 How to train your avatar: a data driven approach to gesture generation
- 10 Nonverbal Action Selection for Explanations Using an Enhanced Behavior Net
- 10 Providing Gender to Embodied Conversational Agents
- 10 Modeling Gaze Behavior for Virtual Demonstrators
- 10 A Framework for Motion Based Bodily Enaction with Virtual Characters

Michael Kipp, Alexis HELOIR, Quan Nguyen
Chung-Cheng Chiu, Stacy Marsella
Javier Snaider, Andrew Olney, Natalie Person
Marco Vala, Gabriel Blanco, Ana Paiva
Yazhou Huang, Justin L Matthews, Teenie Matlock, Marcelo Kallmann
Pugliese Roberto, Klaus Lehtonen

18:00-19:30 **Reception / Posters / Demos (At Reykjavik University) - See Poster List below**

Chair: Yngvi Björnsson

- 1 ForgetMeNot: Users' expectations of remembering and forgetting in IVAs
- 2 Control of speech-related facial movements of an avatar from video
- 3 Realistic eyes model taking into account pupil dilation and corneal reflection
- 4 Towards a Design Approach for Integrating BDI Agents in Virtual Environments
- 5 A BML-based Embodied Conversational Agent for a Personality Detection Program
- 6 Individualized Agent Interactions
- 7 Bots in Our Midst: Communicating with Automated Agents in Online Virtual Worlds
- 8 The effects of virtual agent humor and gaze behavior on human-virtual agent proxemics
- 9 Source Orientation in communication with a conversational agent
- 10 Towards effective virtual negotiation training
- 11 Flipper: An Information State Component for Spoken Dialogue Systems
- 12 Are Intelligent Pedagogical Agents Effective in Fostering Students' Note-Taking While Learning?
- 13 Expressing Emotions on Robotic Companions with Limited Facial Expression Capabilities
- 14 Intelligent Virtual Environment Development with the REVE Platform: an Overview
- 15 Animating a conversational agent with user expressivity
- 16 Teaching Her, Him ... or Hir - Challenges for a Cross-Cultural Study
- 17 Toward a Conversational Virtual Instructor of Ballroom Dance
- 18 Checkpoint Exercise: Training with Virtual Actors in Virtual Worlds
- 19 Examining learners' emotional responses to virtual pedagogical agents' tutoring strategies
- 20 Interactive Characters for Cultural Training of Small Military Units
- 21 The Mona Lisa gaze effect as an objective metric for perceived cospatiality
- 22 CLARION as a Cognitive Framework for Intelligent Virtual Agents
- 23 Modeling Nonverbal Behavior of a Virtual Counselor during Intimate Self-Disclosure
- 24 The BML Sequencer: A Tool for authoring multi-character animations.
- 25 Dynamic Planning for Agents in Games using Social Norms and Emotions

Deborah Richards, Karla Bransky
Guillaume Gibert, Catherine Stevens
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Joost van Oijen, Frank Dignum
Guillermo Solano (presented by Dennis Reidsma)
Ionut Damian, Birgit Endraß, Nikolaus Bee, Elisabeth André
Doron Friedman
Peter Khooshabeh, Sudeep Gandhe, Cade McCall, Jonathan Gratch, Jim J. Blascovich, David Traum
Yugo Hayashi, Victor Kryssanov, Hung-Hsuan Huang, Akira Urao, Kazuhisa Miwa, Hitoshi Ogawa
Joost Broekens, Maaïke Harbers, Willem-Paul Brinkman, Catholijn Jonker, Karel Van den Bosch, John-Jules Meyer (presented by Chao Qu)
Mark ter Maat, Dirk Heylen
Greg Trevors, Melissa Duffy, Roger Azevedo
Tiago Ribeiro, Iolanda Leite, Ana Paiva, Jan Kedzierski, Adam Oleksy
George Anastassakis, Themis Panayiotopoulos
Manoj kumar Rajagopal, Patrick Horain, Catherine Pelachaud
Magnus Haake, Annika Silververg, Betty Tärning, Agneta Gulz
Masaki Uejo, Hung-Hsuan Huang, Joo-Ho Lee, Kyoji Kawagoe
Dusan Jan, Eric Chance, Dinesh Rajpurohit, David DeVault, Anton Leuski, Jacki Morie, David Traum
Jason Harley, Francois BOUCHET, Roger Azevedo (presented by Gregory Trevors)
Priti Aggarwal, Kevin Feeley, Fabrizio Morbini, Ron Artstein, Anton Leuski, David Traum, Julia Kim
Jens Edlund, Samer Al Moubayed, Jonas Beskow
Michael Lynch, Ron Sun, Nicholas Wilson
Sin-Hwa Kang, Candy Sidner, Jonathan Gratch, Ron Artstein, Lixing Hwang, and Louis-Philippe Morency
Priti Aggarwal, David Traum
Palli Thrainsson, Hannes Vilhjalmsón

DAY 2: Friday, September 16th

08:30 Registration Desk Opens (closes at 17:00)

09:00-10:00 **Keynote 2: Jens Edlund**

Chair: Stefan Kopp

10:00-10:30 Coffee

10:30-12:30 **Paper Session 4: Adaptation and Coordination**

Chair: Elisabeth Andre

20 Towards Conversational Agents That Attend to and Adapt to Communicative User Feedback
Hendrik Buschmeier, Stefan Kopp

20 Quid Pro Quo? Reciprocal Self-disclosure and Communicative Accomodation Towards a Virtual Interviewe
Astrid von der Pütten, Laura Hoffmann, Jennifer Klatt, Nicole Krämer

20 Multimodal Plan Representation for adaptable BML Scheduling
Dennis Reidsma, Herwin van Welbergen, Job Zwiers

10 SPECIAL REPORT: The BML Development Meeting

10 Creating familiarity through adaptive behavior generation in human-agent interaction
Ramin Yaghoubzadeh, Stefan Kopp

10 Contextual Affordances for Intelligent Virtual Characters
Frederick Heckel, Michael Youngblood

10 Negotiations in the Context of AIDS Prevention: an Agent-based Model using Theory of Mind
Jennifer Klatt, Stacy Marsella, Nicole Krämer

12:30-13:30 Lunch

13:30-15:00 **Paper Session 5: Listening and Feedback**

Chair: Timothy Bickmore

20 Towards More Comprehensive Listening Behavior: Beyond the Bobble Head
Zhiyang Wang, Jina Lee, Stacy Marsella

20 Backchannels: Quantity, Type and Timing Matters
Ronald Poppe, Khiet Truong, Dirk Heylen

10 Modeling Side Participants and Bystanders: the Importance of Being a Laugh Track in Someone Else's
Jina Lee, Stacy Marsella

10 Appropriate and Inappropriate Timing of Listener Responses from Multiple Perspectives
Iwan de Kok, Dirk Heylen

10 Identifying Utterances Addressed to an Agent in Multiparty Human-Agent Conversations
Naoya Baba, Hung-Hsuan Huang, Yukiko Nakano

10 Estimating User's Conversational Engagement based on Head Pose Information
Ryota Oko, Ryo Ishii, Yukiko Nakano

15:00-15:30 Coffee

15:30-17:00 **Paper Session 6: Frameworks and Tools**

Chair: Michael Kipp

20 Demonstrating and Testing the BML Compliance of BML Realizers
Herwin van Welbergen, Yuyu Xu, Marcus Thiebaux, Wei-Wen Feng, Jingqiao Fu, Dennis Reidsma, Ari Shapiro

20 Robots meet IVAs: A Mind-Body Interface For Migrating Artificial Intelligent Agents
Michael Kriegel, Ruth Aylett, Pedro Cuba, Marco Vala, Ana Paiva

10 Towards the rapid development of a natural language understanding module
Catarina Moreira, Ana Cristina Mendes, Luísa Coheur, Bruno Martins

10 Expressive Multimodal Conversational Acts for SAIBA agents
Jeremy Riviere, Carole Adam, Sylvie Pesty, Catherine Pelachaud, Nadine Guiraud, Dominique Longin, Emiliano Lorini

10 Continuous Interaction within the SAIBA framework
Job Zwiers, Herwin van Welbergen, Dennis Reidsma

10 A Flexible Dual Task Paradigm for Evaluating an Embodied Conversational Agent
Catherine Stevens

17:00-17:30 **GALA Film Screening and voting**

Chair: Phil Heslop

19:00-22:00 **Dinner at Reykjavik Restaurant (Downtown)**

DAY 3: Saturday, September 17th

09:30 Registration Desk Opens (closes at 14:30)

10:00-10:30 Coffee

10:30-12:00 **Paper Session 7: Cooperation and Copresence**

Chair: Jonathan Gratch

20 Did you notice? Artificial team-mates take risks for players
Tim Merritt, Christopher Ong, Teong Leong Chuah, Kevin McGee

20 Sharing Emotions an Space - Empathy as a Basis for Cooperative Spatial Interaction
Hana Boukricha, Nhung Nguyen, Ipke Wachsmuth

10 Perception of Spatial Relations and of Coexistence with Virtual Agents
Mohammad Obaid, Radoslaw Niewiadomski, Catherine Pelachaud

10 Failure Detection and Reactive Teaming for Behavior-Based Subsumption
Frederick Heckel, Michael Youngblood

10 Comparing Modes of Information Presentation: Text versus ECA and Single versus Two ECAs
Svetlana Stoyanchev, Paul Piwek, Helmut Prendinger

12:00-13:00 Lunch

13:00-14:10 **Paper Session 8: Emotion**

Chair: Catherine Pelachaud

20 Empirical Evaluation of Computational Emotional Contagion Models
Jason Tsai, Emma Bowring, Stacy Marsella, Milind Tambe

20 Don't Scratch! Self-adaptors Reflect Emotional Stability
Michael Neff, Nicholas Toothman, Robeson Bowmani, Jean Fox Tree, Marilyn Walker

10 Exploration on Context-sensitive Affect Sensing in an Intelligent Agent
Li Zhang

10 To date or not to date? A minimalist affect-modulated control architecture for dating virtual char.
Michal Bida, Cyril Brom, Markéta Popelová

14:10-14:30 **Closing**

15:00-21:30 **Optional Nature Excursion: The Golden Circle (book at conference registration desk)**