

Accepted Papers and Posters for IVA 2011

Full Papers (18)

- 6 Demonstrating and Testing the BML Compliance of BML Realizers
- 8 Culture-related topic selection in SmallTalk conversations across Germany and Japan
- 9 A Small Talk Model for Cooperative Conversational Agents
- 17 Quid Pro Quo? Reciprocal Self-disclosure and Communicative Accommodation Towards a Virtual Interviewee
- 18 Towards More Comprehensive Listening Behavior: Beyond the Bobble Head
- 23 Empirical Evaluation of Computational Emotional Contagion Models
- 24 Sign Language Avatars: Animation and Comprehensibility
- 25 Did you notice? Artificial team-mates take risks for players
- 30 Relational Agents Improve Engagement and Learning in Science Museum Visitors
- 53 Robots meet IVAs: A Mind-Body Interface For Migrating Artificial Intelligent Agents
- 66 It's in their eyes: A study on female and male virtual humans' gaze
- 67 Backchannels: Quantity, Type and Timing Matters
- 72 Towards ECAs That Attend and Adapt to Communicative User Feedback
- 85 Multimodal Plan Representation for adaptable BML Scheduling
- 88 Sharing Emotions in Space - Empathy as a Basis for Cooperative Spatial Interaction
- 91 Don't Scratch! Self-adaptors Reflect Emotional Stability
- 93 Virtual Rapport 2.0
- 100 How to train your avatar: a data driven approach to gesture generation

- Herwin van Welbergen, Yuyu Xu, Marcus Thiebaux, Wei-Wen Feng, Jingqiao Fu, Dennis Reidsma, Ari Shapiro
Birgit Endrass, Yukiko Nakano, Afia Akhter Lipi, Matthias Rehm, Elisabeth André
Tina Kluewer
Astrid von der Pütten, Laura Hoffmann, Jennifer Klatt, Nicole Krämer
Zhiyang Wang, Jina Lee, Stacy Marsella
Jason Tsai, Emma Bowring, Stacy Marsella, Milind Tambe
Michael Kipp, Alexis HELOIR, Quan Nguyen
Tim Merritt, Christopher Ong, Teong Leong Chuah, Kevin McGee
Timothy Bickmore, Laura Pfeifer, Daniel Schulman
Michael Kriegel, Ruth Aylett, Pedro Cuba, Marco Vala, Ana Paiva
Philipp Kulms, Nicole Krämer, Jonathan Gratch, Sin-Hwa Kang
Ronald Poppe, Khiat Truong, Dirk Heylen
Hendrik Buschmeier, Stefan Kopp
Dennis Reidsma, Herwin van Welbergen, Job Zwiers
Hana Boukricha, Nhung Nguyen, Ipke Wachsmuth
Michael Neff, Nicholas Toothman, Robeson Bowmani, Jean Fox Tree, Marilyn Walker
Lixing Huang, Louis-Philippe Morency, Jonathan Gratch
Chung-Cheng Chiu, Stacy Marsella

Short Papers (27)

- 12 Perception of Spatial Relations and of Coexistence with Virtual Agents
- 15 Towards the rapid development of a natural language understanding module
- 19 A Flexible Dual Task Paradigm for Evaluating an Embodied Conversational Agent
- 21 Exploration on Context-sensitive Affect Sensing in an Intelligent Agent
- 22 Modeling Side Participants and Bystanders: the Importance of Being a Laugh Track in Someone Else's
- 35 To date or not to date? A minimalist affect-modulated control architecture for dating virtual char.
- 36 Virtual clones: Data-driven social navigation
- 39 Tilt Riders: Improvisational Agents Who Know What the Scene is About
- 40 Providing Gender to Embodied Conversational Agents
- 41 Contextual Affordances for Intelligent Virtual Characters
- 42 Failure Detection and Reactive Teaming for Behavior-Based Subsumption
- 47 A Framework for Motion Based Bodily Enaction with Virtual Characters
- 48 Get Involved in an Interactive Virtual Tour of Brest Harbour: Follow the guide and Participate
- 49 Predicting the Addressee in Multiparty Human-Agent Conversations based on Multimodal Nonverbal Information
- 52 Comparing Modes of Information Presentation: Text versus ECA and Single versus Two ECAs
- 56 Appropriate and Inappropriate Timing of Listener Responses from Multiple Perspectives
- 61 Expressive Multimodal Conversational Acts for SAIBA agents
- 62 Creating familiarity through adaptive behavior generation in human-agent interaction
- 70 Nonverbal Action Selection for Explanations Using an Enhanced Behavior Net
- 71 Estimating User's Conversational Engagement based on Head Pose Information
- 74 Using virtual tour behavior to build dialogue models for training review
- 83 Continuous Interaction within the SAIBA framework
- 84 Digital Improvisational Theatre: Party Quirks
- 87 Posture, Relationship, and Discourse Structure
- 89 Negotiations in the Context of AIDS Prevention: an Agent-based Model using Theory of Mind
- 90 Where to Sit? The Study and Implementation of Seat Selection in Public Places
- 97 Modeling Gaze Behavior for Virtual Demonstrators

- Mohammad Obaid, Radoslaw Niewiadomski, Catherine Pelachaud
Catarina Moreira, Ana Cristina Mendes, Luísa Coheur, Bruno Martins
Catherine Stevens
Li Zhang
Jina Lee, Stacy Marsella
Michal Bida, Cyril Brom, Markéta Popelová
Doron Friedman
António Brisson, Brian Magerko, Ana Paiva
Marco Vala, Gabriel Blanco, Ana Paiva
Michael Youngblood, Frederick Heckel
Michael Youngblood, Frederick Heckel
Pugliese Roberto, Klaus Lehtonen
Mukesh Barange, Pierre De Loor, Vincent Louis, Ronan Querrec, Julien Soler, Thanh-Hai Trinh, Eric Maisel, Pierre Chevaillier
Naoya Baba, Hung-Hsuan Huang, Yukiko Nakano
Svetlana Stoyanchev, Paul Piwek, Helmut Prendinger, Sara Winters
Iwan de Kok, Dirk Heylen
Jeremy Riviere, Carole Adam, Sylvie Pesty, Catherine Pelachaud, Nadine Guiraud, Emiliano Lorini, Dominique Longin
Ramin Yaghouzadeh, Stefan Kopp
Javier Snider, Andrew Olney, Natalie Person
Ryota Oko, Ryo Ishii, Yukiko Nakano
Antonio Roque, Mark Core, Dusan Jan, David Traum
Job Zwiers, Herwin van Welbergen, Dennis Reidsma
Christopher DeLeon, Brian Magerko, Peter Dohogne
Daniel Schulman, Timothy Bickmore
Jennifer Klatt, Stacy Marsella, Nicole Krämer
Elín Carstensdóttir, Kristín Guðmundsdóttir, Gunnar Steinn Valgarðsson, Hannes Vilhjalmsón
Yazhou Huang, Justin L Matthews, Teenie Matlock, Marcelo Kallmann

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- 27 Control of speech-related facial movements of an avatar from video
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- 33 Towards a Design Approach for Integrating BDI Agents in Virtual Environments
- 34 A BML-based Embodied Conversational Agent for a Personality Detection Program
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- 38 Bots in Our Midst: Communicating with Automated Agents in Online Virtual Worlds
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- 50 Eloquence of Eyes and Mouth of Virtual Agents: Cultural Study of Facial Expression Perception
- 57 Towards effective virtual negotiation training
- 58 Flipper: An Information State Component for Spoken Dialogue Systems
- 59 Are Intelligent Pedagogical Agents Effective in Fostering Students' Note-Taking While Learning?
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- 73 Design and Usability of a Virtual Pediatric Patient System
- 77 Animating a conversational agent with user expressivity
- 78 Teaching Her, Him ... or Hir – Challenges for a Cross-Cultural Study
- 79 Toward a Conversational Virtual Instructor of Ballroom Dance
- 80 Checkpoint Exercise: Training with Virtual Actors in Virtual Worlds
- 82 Examining learners' emotional responses to virtual pedagogical agents' tutoring strategies
- 86 Gaze-Tracking to Assess Effectiveness of an IVA's Adaptive Behavior
- 92 Interactive Characters for Cultural Training of Small Military Units
- 94 The Mona Lisa gaze effect as an objective metric for perceived cospatiality
- 96 CLARION as a Cognitive Framework for Intelligent Virtual Agents
- 98 Modeling Nonverbal Behavior of a Virtual Counselor during Intimate Self-Disclosure
- 99 The BML Sequencer: A Tool for authoring multi-character animations.
- 102 Dynamic Planning for Agents in Games using Social Norms and Emotions
- Deborah Richards, Karla Bransky
- Anton Bogdanovych, Simeon Simoff, Kiran Ijaz
- Fabien Tencé, Laurent Gaubert, Pierre De Loor, Cedric BUCHE
- Guillaume Gibert, Catherine Stevens
- Guillaume Gibert
- Joost van Oijen, Frank Dignum
- Guillermo Solano
- 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
- Tomoko Koda
- Joost Broekens, Maaïke Harbers, Willem-Paul Brinkman, Catholijn Jonker, Karel Van den Bosch, John-Jules Meyer
- Mark ter Maat, Dirk Heylen
- Greg Trevors, Melissa Duffy, Roger Azevedo
- Tiago Ribeiro, Iolanda Leite, Ana Paiva, Jan Kędzierski, Adam Oleksy
- George Anastassakis, Themis Panayiotopoulos
- Toni Bloodworth, Lauren Cairco, Jerome McClendon, Patrick Dukes, Larry Hodges, Nancy Meehan, Arlene Johnson, Sabarish Babu, Amy Ulir
- Manoj kumar Rajagopal, Patrick Horain, Catherine Pelachaud
- Magnus Haake, Annika Silvervarg, 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
- Muir Mary, Alireza Davoodi, Cristina Conati
- 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 Vilhjalmsson