Last Call for Papers – ACM Intelligent Virtual Agents Conference - IVA 2019
2-5 July 2019, Paris, France

DEADLINE EXTENSION. Submission Deadline: **8th March 2019**

- •ABSTRACTS need to be uploaded by March 1st
- •Only submissions with uploaded abstracts will be able to submit a PAPER by the NEW DEADLINE, March 8th.

https://iva2019.sciencesconf.org

The 19th ACM International Conference on Intelligent Virtual Agents (IVA) will be held on July 2-5 2019 in Paris, France. The conference is organized by CNRS, Sorbonne University and Paris-Saclay University (France), and sponsored by ACM-SIGAI.

The IVA conference started in 1998 as a workshop on Intelligent Virtual Environments at the European Conference on Artificial Intelligence in Brighton, UK, which was followed by a similar one in 1999 in Salford, Manchester, UK. Then dedicated stand-alone IVA conferences took place in Madrid, Spain, in 2001, Irsee, Germany, in 2003, and Kos, Greece, in 2005. Since 2006 IVA has become a full-fledged annual international event, which was first held in Marina del Rey, California, then Paris, France, in 2007, Tokyo, Japan, in 2008, Amsterdam, The Netherlands, in 2009, Philadelphia, Pennsylvania, USA, in 2010, Reykjavik, Iceland, in 2011, Santa Cruz, USA, in 2012, Edinburgh, UK, in 2013, Boston, USA, in 2014, Delft, The Netherlands, 2015, Los Angeles, USA, 2016, Stockholm, Sweden, 2017. IVA 2018 was held in Sydney, Australia.

PAPER SUBMISSION

We invite submissions of research full papers on a broad range of topics, including but not limited to: theoretical foundations of virtual agents, agent modeling and evaluation, agents in games and simulations, and applications of virtual agents. Extended abstracts presenting late breaking work are also welcome.

IVA 2019 is the 19th meeting of an interdisciplinary annual conference and the main leading scientific forum for presenting research on modeling, developing and evaluating Intelligent Virtual Agents (IVAs) with a focus on communicative abilities and social behavior. IVAs are interactive digital characters that exhibit human-like qualities and can communicate with humans and each other using natural human modalities like facial

expressions, speech and gesture. They are capable of real-time perception, cognition, emotion and action that allow them to participate in dynamic social environments. In addition to presentations on theoretical issues, the conference encourages the showcasing of working applications.

IVA 2019's special topic is "Social Learning", that is learning while interaction socially; agents can learn from the humans and humans can learn from the agents. Agents can take different roles such as tutors, peers, motivators, coaches in training and in serious games. They can act as job recruiter, virtual patient, and nurse to name a few applications. With this topic in mind we are seeking closer engagement with industry and also with social psychologists.

For more information, please visit the IVA 2019 website:
https://iva2019.sciencesconf.org

The papers and extended abstracts will be published in the ACM digital library. All submissions will be reviewed via a double-blind review process.

IMPORTANT DATES (UTC/GMT-12 hours)

Full papers
Abstract Deadline: **March 1, 2019**
Extended Deadline: ~~March 1, 2019~~ March 8, 2019
Notification of Acceptance: April 8, 2019
Camera Ready: April 22, 2019
Extended abstracts
Submission Deadline: ~~March 1, 2019~~ March 8, 2019
Notification of Acceptance: April 8, 2019
Camera Ready: April 22, 2019

INVITED SPEAKERS

Beatrice de Gelder (Maastricht University)

Rachael Jack (Glasgow University)

Verena Rieser (Heriot-Watt University)

Pierre-Yves Oudeyer (INRIA - Bordeaux)

COMMITTEE

Conference Chairs
Catherine Pelachaud, CNRS-ISIR, Sorbonne University, France

Jean-Claude Martin, CNRS-LIMSI, University Paris Saclay, France

Program co-chairs
Gale Lucas, USC Institute for Creative Technologies, USA
Hendrik Buschmeier, Bielefeld University, Germany
Stefan Kopp, Bielefeld University, Germany

SCOPE AND LIST OF TOPICS

IVA invites submissions on a broad range of topics, including but not limited to:

List of Topics

Socio-emotional agent models:

- Cognition, machine learning and adaptation
- Emotion, personality and cultural differences
- Model of emotionally communicative behavior
- Model of conversational behavior
- Model of social skills
- Machine learning for endowing virtual agents with social skills

Multimodal interaction:

- Verbal and nonverbal coordination
- Engagement
- Interpersonal relation
- Multi-party interaction
- Model driven by theoretical foundations from psychology
- Data driven model

Social agent architectures:

- Design criteria and design methodologies
- Real-time human-agent interaction
- Incremental agent control
- Real-time integrated system

Evaluation methods and studies:

- Evaluation methodologies and user studies
- Ethical considerations and societal impact
- Applicable lessons from other fields (e.g. robotics)

- Social agents as a means to study and model human behavior

Applications:

- Social skills training
- Virtual agents in games and simulations
- Applications in education, health, games, art

Social learning:

- Learning in social interaction
- Social skills acquisition model
- Learning in interaction with agents

WARNING: There is a conference called ICIVA 2019 that claims to be the 21st International Conference on Intelligent Virtual Agents in Bali in October 2019. This conference is not the official IVA and is launched by an organization World Academy of Science, Engineering and Technology that is unfortunately very famous for its predatory publishing practices.

(https://en.wikipedia.org/wiki/World_Academy_of_Science,_Engineering_and_Technology)

Please note that no paper submitted to ICIVA 2019 in Bali will be published in the IVA 2019 proceedings.