

CALL FOR PAPERS

Computer Animation and Social Agents (CASA 2020)

Bournemouth, UK, 2020

<http://casa2020.bournemouth.ac.uk>



The 33rd International Conference on Computer Animation and Social Agents (CASA 2020), that will be held in September, 2020 in Bournemouth, UK. The conference is organized by Bournemouth University together with the Computer Graphics Society (CGS). CASA is the oldest international conference in computer animation and social agents in the world. It was founded in Geneva in 1988 under the name of Computer Animation (CA). In the last past ten years, CASA was held in Belgium (2007), Korea (2008), Netherlands (2009), France (2010), China (2011), Singapore (2012), Turkey (2013), United States (2014), Singapore (2015), Switzerland (2016), Korea (2017), China (2018) and France (2019).

CASA 2020 will provide a great opportunity to interact with leading experts, share your own work, and educate yourself through exposure to the research of your peers from around the world.

IMPORTANT DATES

Submission for Special Issue of Computer Animation and Virtual World (CAVW)

Submission: **May 24, 2020**

Notification of acceptance: **June 21, 2020**

Camera ready: **July 5, 2020**

Submission for a Subsequent Issue of CAVW and Conference Proceeding

Submission: **June 21, 2020**

Notification of acceptance: **July 12, 2020**

Camera ready: **July 26, 2020**

Workshops and Tutorials proposal

Submission: **June 7, 2020**

Notification of acceptance: **June 14, 2020**

PAPER SUBMISSION

We invite submissions of research full papers, short papers, and posters on a broad range of topics, including but not limited to Computer Animation, Embodied Agents, Social Agents, Virtual and Augmented Reality, and Visualization (see below for a detailed list).

Papers submitted by 24 May 2020 will be considered for the special issue of Computer Animation and Virtual Worlds (CAVW) published by Wiley. The papers accepted as is or with minor revision will be in the special issue, about 28 papers in total. Those with major revision will be given a chance to resubmit and reviewed again by the conference PC for acceptance in a subsequent issue of CAVW. The rest will be either rejected or recommended for publication in conference proceeding. Authors will have to register and present the papers at the conference.

Papers submitted by 21 June 2020 will be considered for publication in a subsequent issue of CAVW and conference proceeding. The papers accepted as is or with minor revision will be in the subsequent issue. Those with major revision will be invited to resubmit and reviewed again by the conference PC for acceptance in a subsequent issue of CAVW. The rest will be either accepted for publication in the conference proceeding or rejected. Authors will have to register and present the papers at the conference.

More details in terms of submission can be found in Paper Submission.

SCOPE AND LIST OF TOPICS

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

Computer Animation

- Motion Control
- Motion Capture & Retargeting
- Path Planning
- Physics-based Animation
- Vision-based Techniques
- Behavioral Animation
- Artificial Life
- Deformation
- Facial Animation
- Image-based Animation
- Multi-Scale Models
- Knowledge-based Animation

Social Agents

- Social Agents and Avatars
- Emotion and Personality
- Virtual Humans
- Autonomous Actors
- AI-based Animation
- Social and Conversational Agents
- Inter-Agent Communication
- Social Behavior
- Crowd Simulation
- Machine learning

Other Related Topics

- Animation Compression and Transmission
- Semantics and Ontologies
- Anthropometric Virtual Human Models
- Acquisition and Reconstruction from Big Data
- Cultural Heritage Applications
- 3D Physiological Humans
- 3D Telepresence
- Augmented Reality and Virtual Reality
- Social Robots
- Deep Learning methods

Conference Co-Chairs

Jian Jun Zhang (Bournemouth University, UK)

Nadia Magnenat Thalmann (University of Geneva, Switzerland and Nanyang Technological University, Singapore)

Program Co-Chairs

Daniel Thalmann (EPFL, Switzerland)

Xiaosong Yang (Bournemouth University, UK)

Weiwei Xu (Zhejiang University, China)

Publicity Chair

Jian Chang (Bournemouth University, UK)

Local Chair

Feng Tian (Bournemouth University, UK)