

Call for Contributions

1. Inform the Chair

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICCGI+2021+Special>

Please select Track Preference as **STIS**

3. Note: *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

STIS: Socio-technical Information Systems - Design and Application of Socially-aware IT

Chair

Olga Levina, Professor, Dr, TH Brandenburg, Germany
levina@th-brandenburg.de

along with

ICCGI: The Sixteenth International Multi-Conference on Computing in the Global Information Technology

<https://www.iaaria.org/conferences2021/ICCGI21.html>

July 18, 2021 to July 22, 2021 - Nice, France

As software applications and information systems have become pervasive in the workplace and in the everyday life of many people, researchers from computer and social science have increasingly stressed that these artifacts can shape and constrain interpersonal behavior in the working, communication and behavior environment. Machine Learning-based Systems (MLS) add to this development by utilizing past behavior's (stored as historical data that used for training and calculation purposes) to derive future behavioral suggestions, e.g., by classifying results for decisional outcomes, identifying or predicting potential behavioral patterns that influence business decisions and in the accordant environment can directly affect individuals. To be able to analyse and develop information systems that are designed for the society and with a direct applicability for societal needs, Socio-Technical Systems Design (STSD) need to be accepted beyond its primary scope, that of business information systems, towards the design of MLS.

The main idea of STIS is to highlight a social robot's accompanying structures (hardware and software) that support the use of social robots such as game engines, online platforms, intelligent mobile phone designs, etc.

Topics include, but not limited to

- Design process for socio-technical information systems (STIS)
- Implementing the problem awareness into the STIS design
- Modeling STIS
- Data requirements for STIS
- Design principles of socially-aware MLS
- Design of socially-aware MLS
- Cooperation and STIS
- Testing and evaluating of STIS
- Implementing sustainability issues into the STIS design
- STIS interaction patterns

- STIS influence on user behavior
- Incorporating knowledge into STIS
- Process descriptions for STIS
- Performance indicators for STIS
- Digital twin design as STIS
- Influence of customer data on STIS design and application
- Social interaction and STIS design

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaaria.org]
- Presentations: slide only [slide-deck posted on www.iaaria.org]
- Demos: two pages [posted on www.iaaria.org]

Important Datelines

Inform the Chair or Coordinator: As soon as you decide to contribute

Submission: June 14, 2021

Notification: June 26, 2021

Registration: July 2, 2021

Camera ready: July 3, 2021

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format

- See: <http://www.iaaria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaariasubmit.org/conferences/submit/newcontribution.php?event=ICCGI+2021+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaaria.org/registration.html>

Contact

Chair: Olga Levina, levina@th-brandenburg.de

Logistics: steve@iaaria.org