**Call for Contributions**

**1. Inform the Chair**
**2. Submission URL:**
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICDS+2023+Special
Please select Track Preference as **DASAIT**
**3. Note:** *For 2022, 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

# DASAIT'23 : Design and Application of Socially-aware IT

**Chair**

Olga Levina, professor, Dr, TH Brandenburg, Germany
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along with

# ICDS 2023, The Seventeenth International Conference on Digital Society
https://www.iaria.org/conferences2023/ICDS23.html
April 24-28, 2023 - Venice, Italy

As software applications and information systems have become pervasive in our working and private lives, 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 behaviors (stored as historical data that used for training and calculation purposes) to derive suggestions about future behavior, e.g. by classifying results for decisional outcomes, identifying or predicting potential behavioral patterns or providing recommendations based on previous or similar choices 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 have a direct applicability towards societal needs, socio-technical systems design (STSD) need to be accepted beyond its primary scope, that of business information systems, towards the user-centred design of and human-cantered interaction with MLS. Understanding the role of users, processes, designers and engineers of these systems will contribute their conscious and transparent implementation in different business applications.

**The main idea of DASAIT** is to highlight the interdisciplinary approach to design, analysis and applications of information systems that consider socio-technical aspects (STIS) as well as to provide a space for interdisciplinary research and application practice.

**Topics include, but not limited to**

- Design process for socio-technical information systems (STIS)
- Human-centered interaction with STIS
- User-centered design of STIS
- Incorporating ethical and social values in STIS design
- Low-Code design and development of problem- driven STIS
- Implementing the problem awareness into the STIS design
- Modeling STIS
- Socio-centric design and application of Virtual Reality

- Socio-centric design and application of Augmented Reality applications
- Design principles of socially-aware MLS
- Design of socially-aware MLS
- Cooperation and STIS
- STIS interaction patterns
- STIS influence on user behavior
- Process descriptions for STIS
- Performance indicators for STIS
- Business processes and STIS
- User-centered business process description and modeling

## 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.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

## Important Deadlines
*Inform the Chairs: As soon as you decide to contribute*
> Submission: March 9 (earlier, better)
> Notification: March 27
> Registration: April 6
> Camera-ready: April 6

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

## Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules:
http://www.iaria.org/editorialrules.html

## Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.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.iariasubmit.org/conferences/submit/newcontribution.php?event=ICDS+2023+Special
Please select Track Preference as **DASAIT**

## 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.iaria.org/registration.html

## Contact
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