Call for Contributions

1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=CENTRIC+2021+Special
Please select Track Preference as **DSP**
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

DSP: Design and Synthesis of Personalities

Chair

Jeff Stanley, Lead Human-Centered Engineer at The MITRE Corporation, USA
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along with
CENTRIC 2021: The Fourteenth International Conference on Advances in Human-oriented and Personalized Mechanisms, Technologies, and Services
https://www.iaria.org/conferences2021/CENTRIC21.html
October 03 - 07, 2021 - Barcelona, Spain

While the application of personality concepts to computing is nothing new, industry advances in chatbots, voice interfaces, and other digital assistants reiterate the importance of understanding how machines should express personality to their human users and partners. Machines that are friendly, authoritative, industrious, etc. elicit human attitudes that can improve performance and acceptance, when applied with care.

This special track calls for contributions related to personality computing, including the synthesis of personality in computing devices as well as responsiveness to users' personalities. Of particular interest are approaches for deciding on and designing a personality for a robot or software application: How should personality traits be selected, and how should they be expressed?

Our definition of personality for this track is not rigid. Submissions may cite established personality trait models such as the Five Factor Model or may explain how synthesized personalities can be based on brand values, societal/occupational roles, individuals, or even fictional characters. Contributions may focus on theory, experimentation, practical application, or anything in between.

Topics include, but not limited to:

- How to choose the "right" machine personality for a task, user, use case, or product;
- How to express a machine's personality: for example, through its behaviors, visual appearance, voice quality, ornamentation, etc.;
- The impact of machine personality on human attitudes and behaviors including acceptance, compliance, and other metrics contributing to mission performance;
- Application of personality trait models to machines, such as the Five Factor Model or Robotic Attributes Scale;
- What it means for a machine to have a "whole" or "multifaceted" personality;
- Detection of and adaptation to human personality;
- Machine learning approaches to modeling personality;
- Cross-cultural perspectives on machine personality.

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 Datelines
Inform the Chair or Coordinator: As soon as you decide to contribute
Submission: August 12, 2021
Notification: August 28, 2021
Registration: September 10, 2021
Camera ready: September 10, 2021
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=CENTRIC+2021+Special
Please select Track Preference as **DSP**

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

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