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=COGNITIVE+2019+Special
Please select Track Preference as **EMACOS**

Special track

EMACOS: Emotions in Artificial Cognitive Systems

Chair and Coordinator

Dr. Olga Chernavskaya, Lebeved Physical Institute – Moscow, Russia
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along with

COGNITIVE 2019, The Eleventh International Conference on Advanced Cognitive
Technologies and Applications http://www.iaria.org/conferences2019/COGNITIVE19.html
May 05, 2019 to May 09, 2019 - Venice, Italy

The incorporation of emotions into cognitive process represents a real challenge for modeling artificial cognitive systems (artificial intelligence, AI). Despite significant efforts in recent years in this direction, the problem is still open. These problems were discussed at conferences COGNITIVE 2017 (EMACOS) and COGNITIVE 2018 (AEMACOS), but many issues remained unresolved and deserve discussion. This concerns the "pragmatic" (or "rational") emotions caused by the task of achieving a certain goal, and aesthetic emotions associated with the perception of works of art (painting, music, architecture, theater, dancing, etc.).

Any progress in solving these problems is not only of undoubted theoretical interest, but is also important for practical tasks– increasing the efficiency of artificial cognitive systems, developing human-level robots, human-robot interaction, etc.

Topics include, but not limited to:

- The role of emotions in artificial intelligence
- The role and place of emotions in the human cognitive process
- Recognition of emotions by robots
- Human-robot interaction
- The link between Intuition and Emotions in ACoS
- Analysis of emotion-induced disorders (stress, shock, depression, etc.)
- Agents possessing human-level social and emotional intelligence

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: As soon as you decided to contribute
- Submission: ~~March 10, 2019~~ March 23, 2019
- Notification: ~~March 30, 2019~~ April 8, 2019
- Registration: ~~April 8, 2019~~ April 14, 2019
- Camera-ready: ~~April 8, 2019~~ April 14, 2019

Note: *These deadlines are 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=COGNITIVE+2019+Special
Please select Track Preference as **EMACOS**

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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