Call for Contributions

Note: *On-site and Virtual Options*
To accommodate many situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors managed to attend in person but are aware that special circumstances are best handled by having flexible options.

Submission:
1. Inform the Chair about the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=COGNITIVE+2026+Special
Please select Track Preference as **CPAI**

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Special track

CPAI: Cognitive and Psychological Impacts of AI Adoption

Chair

Prof. Dr.-Ing. Kristina Schaaff
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along with

COGNITIVE 2026, **The Eighteenth International Conference on Advanced Cognitive Technologies and Applications**
April 19 - 23, 2026 - Lisbon, Portugal
https://www.iaria.org/conferences2026/COGNITIVE26.html

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Manifesto

This track addresses the cognitive and psychological impacts of AI adoption with specific emphasis on personality traits, affective processes, and ethical dimensions of human–AI interaction. It examines how AI-based systems influence emotional regulation, empathy, moral judgment, and value-oriented decision-making, particularly when systems exhibit adaptive, affective, or socially responsive behaviours. The track considers affective agents not merely as interface elements, but as participants in socio-cognitive processes that may shape trust, reliance, self-perception, and interpersonal dynamics. Attention is given to how individual differences in personality, emotional sensitivity, and cognitive style mediate responses to AI-driven interaction. Ethical considerations are treated as embedded properties of interaction design and system behaviour, rather than as external constraints. Contributions are expected to clarify mechanisms by which emotion-driven cues, perceived intentionality, and adaptive responses affect human agency, responsibility, and moral accountability. The objective is to advance scientifically grounded understanding of how cognitive, affective, and ethical factors co-evolve in AI-augmented environments.

Subtopics for contributions include, but are not limited to:

Emotion-aware intelligent systems
Emotion recognition, modeling, and synthesis
Multimodal affective signal processing
Emotion-aware human–computer interaction
Affective user interfaces and adaptive systems

Affective agents, chatbots, and large language models
Emotion-driven decision making and behavior modeling
Emotional well-being in HCI
Empathy, personality, and individual differences in interaction
Affective computing for health, education, and well-being
Ethical, fairness, and privacy aspects in emotion-aware AI
Cross-cultural and context-dependent emotion interpretation
Affective feedback in social robots and embodied agents
Physiological and neuro-adaptive sensing for affect detection
Datasets, benchmarks, and evaluation metrics for affective systems
Affective personalization and long-term emotional adaptation

These are only suggestions; we welcome papers discussing other issues related to cognitive aspects

Important Datelines
Inform the Chair as soon as you decide to contribute.
   Submission: Feb 28
   Notification: Mar 20
   Registration: Apr 2
   Camera-ready: Apr 2

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]

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

Papers Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=COGNITIVE+2026+Special
Please select Track Preference as **CPAI**

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

Contacts
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