

## Workshop proposal @ COMMS 2024

**Title: Human-Centered AI**

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Human-centered AI is an emerging research domain that stands at the cross-roads of Artificial Intelligence, Human-Computer Interaction and Affective Computing. The goal is to create AI systems that increase the potential of human abilities instead of replacing them. In this regard, human-computer interaction has been one of the key domains that evolved considering the recent advances in emotion recognition, biomedical data analysis and robotics. Furthermore, considering the social risks that are involved in the AI-driven personalization, the investigation of deepfakes represents, nowadays, one of the top requirements that any human-centered AI system should meet. Under the framework of the **15th International Conference on Communications (COMM 2024)** held during October 03-04, 2024 in Bucharest, Romania, the aim of this workshop is to extend the use of AI/ ML tools and multimodal data analysis among the research community and to provide a forum of discussion on the recent advances in Human-Centered AI domains, along with the impact that these advances could have on the adjacent domains.

Topics include, but are not limited to:

- Artificial intelligence
- Machine learning
- Multimodal data analysis
- Human-AI interaction
- Human-computer interaction
- Affective computing
- Biomedical data analysis
- Healthcare
- Deepfake
- AI-driven personalization