

Special Session DSAI4SG

Data Science and Artificial Intelligence for Social Good: Opportunities and Challenges

In Conjunction With **The 10th International Conference on Wireless Networks and Mobile Communications 26 to 28 October 2023.**// Istanbul Technical University, Turkey

Chairs:

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The topic of “AI for Social Good” is fast emerging as a new field of scientific and technological endeavor aiming to apply AI and related technologies to solve complex social problems in healthcare, sustainability, education, climate change, disaster response, community safety, public welfare, and in assisting low resource communities. Such extensive use of AI in social domains comes with a range of opportunities but also presents some challenges and risks. Indeed, issues related to the absence of regulation, discriminatory biases, ethics, trust, privacy, safety, security, human workforce loss, and other negative outcomes need to be thoroughly discussed and addressed in order to scale the use of AI and to achieve positive social impact. DSAI4SG aims to bring together researchers and practitioners working in different facets of these problems, from diverse backgrounds to share challenges, new directions and recent research in the field.

Topics of interest include, but are not limited to:

- AI for environment and sustainability
- AI for healthcare
- AI for education
- AI for agriculture and biodiversity
- AI for e-government
- AI for transportation
- Assistive Technology for Well-Being
- AI for empowering African communities
- AI for Social Welfare, Justice, Fairness and Equality
- NLP and computer vision for social good
- Robots, digital twin, metaverse, hyper automation for social good
- Generative AI for social good
- Big data, blockchain, IoT for intelligent applications
- Socially Responsible AI: Fairness, Accountability, and Transparency

Submissions of original and unpublished research papers are invited in the above-mentioned areas. All submitted papers will be peer-reviewed by at least two independent reviewers and accepted papers will be published in the WINCOM 2023 conference proceedings, which will be submitted for inclusion in the IEEEExplore for possible indexation by digital library. They will also be submitted to SCOPUS, ISI, DBLP and other leading indexing services.

Submission guidelines: For all submission details, please visit
https://www.wincom.conf.org/WINCOM_2023/?page=submission

Submission link: <https://edas.info/newPaper.php?c=30874&track=119274>

Important Dates:

- Paper Submission Deadline: ~~June 30, 2023~~ **July 20, 2023**
- Notification of Acceptance: **August 10, 2023**
- Camera-ready Paper Deadline: **September 1, 2023**
- Workshop Dates: **October 26-28, 2023**