The 5th International Workshop on AI for Social Good in the Connected World

Call for Papers

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Call for Papers:
In an era where information zips across our planet in milliseconds, Information and Communication Technologies (ICTs) have reshaped every facet of human life. Traditional boundaries—physical, geographic, cultural—are fading, giving rise to novel social interactions and engagements. This hyper-connected reality transforms individuals into both consumers and producers of information, fostering new behaviors and patterns whose impacts are still being unraveled. The resulting landscape is one of immense opportunities entwined with complex challenges.

Among ICTs, Artificial Intelligence has seen unprecedented developments in the last few years owing to the proliferation of data and increase in computational power.

Innovative and effective approaches which tackle the problems in the new connected-world domains, such as public health, social security and communication, economics, and education by utilizing sophisticated AI technologies, are of urgent demand. Whilst AI technologies present unique opportunities to tackle complex problems, the use of data and such methods raise significant questions around privacy and the ethics of automatic decision-making in particular, in areas where there may be risks of harm to individuals or communities. Responsibly and appropriately deploying AI techniques to solve a range of social problems in this connected world, will provide organizations more effective ways to uncover hidden insights and new knowledge while also assuring citizens of the proper uses of these technologies, thereby ensuring that the power of AI is harvested for social good and benefits societies across the globe.

This year, our workshop, set against the vibrant backdrop of Thailand—a hub in Southeast Asia—places a special emphasis on harnessing web intelligence and AI to address real-world challenges in developing countries and regions. We aim to spotlight the crucial role of AI in enhancing healthcare capacities and reducing inequalities, aligning with the Sustainable Development Goals (SDGs).

This workshop "AI for Social Good in the Connected World" aims at providing a platform for researchers from academia, industry and the public sector in the areas of AI, machine learning, data analytics, web mining, social science, ethics, public policy, cognitive science, public health, urban computing, knowledge engineering, and multimedia computing to contribute and share their insights and ideas and explore pioneer novel AI methodologies for modeling complex social-related data as well as efficient solutions to complex problems arising from different social scenarios in this connected world including addressing the SDGs.

<u>Workshop Themes and Topics of Interest:</u>
Our workshop will delve into a wide array of topics, including but not limited to:
- Advanced AI techniques and computational models in the connected world
- Knowledge discovery and data analytics in the connected world
- Data sharing and integration in the connected world
- Data security and privacy in the connected world
- Human-centered computing in the connected world
- AI in support of the sustainable development goals (SDGs)
- Public and personalized healthcare through AI in the connected world
- AI for social computing and information retrieval in the connected world
- AI for urban computing and smart city in the connected world

- Enhancing public welfare with AI in the connected world
- AI and sustainability in the connected world
- Public policy formulation in the era of AI
- Responsible AI
- Developing trust in AI systems and trust mechanisms (human to AI; AI to AI)
- Challenges of deploying AI technologies for automatic decision making
- Legal, regulatory and ethical implications and frameworks for AI technologies

<u>Important Dates (Tentative):</u>
August 31, 2024: Workshops Paper Submission
September 15, 2024: Paper Acceptance Notification