

The 2nd Novel Intelligent and Leading Emerging Sciences Conference NILES2020 (24-26 Oct. 2020)

Proposed special session on

"ARTIFICIAL INTELLIGENCE AND SOCIETY TRANSFORMATION"

Call for Papers

With the wide application of technologies, there is usually a combination of positive and negative impacts. As artificial intelligence is transforming our society, we have a challenge to balance the benefits and risks of these applications. Theory development aligning with the ongoing AI transformation of society demonstrate or predicts to co-existing methods of society, technology in the era of AI. The fast advancement of Research and Development is aligning with the ongoing AI transformation of society (AI, deep learning, machine learning, big data, are just some terms to use).

The special session is to present a forum for researchers working in the areas of theory, models and applications of Artificial Intelligence to discuss the impact on our society. It is designed to provide a forum to analyze and discuss the transformation within our society as a result of using applications of Artificial Intelligence.

The scope of the special session is not only limited to technical advancement and emerging AI applications, but also it extends to moral and ethical impact assessment of these advanced technologies. The session is intended to bring a forum for researchers, scientists, customers, providers, law maker and regulatory bodies to discuss - through a series of paper contributions - the benefits, risks and gaps of developing, prototyping, testing and using Artificial Intelligence enabled applications on our society. It will also promote contributions that take steps to predict and model the societal changes in the future.

Track Titles

- The Ethical, Moral, Legislative, and Societal Implications of AI.
- Market Impacts, Ownership and Commercialization.
- Issues of Algorithms, Automated Decision Making, Labor and Workplace.
- Human to Robot or Bot Interaction, Social Bots, Agricultural Robots.
- Intellectual Property Rights, Data Security, and Privacy in AI Contexts.

Session Organizers

Mohamed A. Wahby Shalaby
Nile University
mwahby@nu.edu.eg

Special Session Submission deadline: - 25 July 2020