

EDITORIAL NOTE

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I am delighted to introduce the 2nd issue of volume 2 of the International Journal of Automation, Artificial Intelligence and Machine Learning (IJAAIML). Artificial Intelligence (AI) and Machine Learning (ML) have applications in wide range of domains such as finance, national security, health care, criminal justice, transportation, and smart cities. With the focus on new ideas related to artificial intelligence and machine learning, this journal offers a platform to the authors in academia and industry to publish their novel research. It aims to serve the scientific community with brand new research publications to advance the research in AI and ML.

The scientific articles in this issue span topics related to the application of Convolutional Neural Network (CNN) and multi-class supervised learning in the healthcare domain and the use of artificial intelligence for a better and more intelligent health management. Such topics help researchers understand how artificial intelligence and machine learning can be used to help practitioners in the healthcare domain and support their decision-making process. They also, highlight the importance of AI and ML algorithms to predict and combat the spread of COVID-19.

The International Journal of Automation, Artificial Intelligence and Machine Learning (IJAAIML) welcomes papers on broad aspects of AI that constitute advances in the overall field including, but not limited to, intelligent automation, machine and deep learning techniques, the development of expert systems, big data and data mining, fuzzy system applications in robotics, adaptive autonomous robots, natural language processing, parallel processing, computer vision, human machine interaction and Stochastic optimization. There is no doubt that Artificial Intelligence (AI) is a topic that is attracting increasing attention from different communities, business and academic. AI adoption and implementation, however, is faced by the difficulty of interpreting and trusting the outcomes of AI algorithms due to the lack of clarity of how it works, the Black Box problem. Additionally, several ethical issues related to AI adoption such as algorithms and data bias are among the factors that hinder AI adoption by the business world.

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The goal of employing AI in many domains from economics and law to technical topics such as verification, validity, security and control is motivating to the scientific community, however, there is another important objective of keeping AI's impact on society harmless and beneficial.

The continuous support and contribution of the managing editor, Dr Anke Berger, the associate editors and editorial team plays an important part in delivering high quality research in the field of AI. With the support of such dedicated team, the IJAAML journal aims to publish reports on the results achieved in addition to proposals for new ways of looking at and solving AI problems, both of which must include demonstrations of value and effectiveness to fellow researchers and AI practitioners in various industry sectors. The journal encourages the researchers and practitioners to take part and join the community today and we invite you to submit your work, and we look forward to your contribution to help advance the research on AI and ML and we look forward to the upcoming volume and issues.