

## Special Issue

# Recent Advancements in Artificial Intelligence (AI) in Instrumentation and Control Systems (AI-ICS)

### Message from the Guest Editor

Instrumentation encompasses measurement techniques and the associated equipment. Control is basically making a “change” of present status to desired status of any cyber, physical, biological systems.

Artificial Intelligence (AI) in Instrumentation and Control Systems (AI-ICS) addresses advanced AI-embedded and secure technologies for modeling, analysis, synthesis, experimentation, validation and deployment of sensor, control, monitoring, and decision systems. As the society moves towards Convergence and Integration Igniting Innovation between Physical and Life (& Biomedical) Sciences, Arts (& Humanities), Natural Sciences and Engineering and Technology (PLANET) leading to the Internet of Things (IoT), Internet of Everything (IoET) and The Social Networking of Humans and Machines, resilience-embedded cyber security is of paramount importance to protect critical infrastructure such as Electric, Oil, Natural Gas, Water, Finance and Communication Grids from natural and/or intentional adversary actions.

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### Guest Editor

Prof. Desineni Subbaram Naidu

Minnesota Power Jack Rowe Endowed Chair & Professor in Electrical Engineering, University of Minnesota Duluth (UMD), Duluth, MN 55812, USA

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### Deadline for manuscript submissions

closed (31 January 2021)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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