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Special Session on "Emerging technologies in networking with Machine intelligence"

Session Chair(s):
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Theme of Session:
 The main aim of this special session is to
Machine Intelligence, is the active research exploring virtually all aspects of machine learning, including deep learning and more classical algorithms. Exploring theory as well as application, much of our work on language, speech, translation, visual processing, ranking and prediction relies on Machine Intelligence. In all of those tasks and many others, we gather large volumes of direct or indirect evidence of relationships of interest, applying learning algorithms to understand and generalize.
Machine Intelligence raises deep scientific and engineering challenges, allowing us to contribute to the broader academic research community through technical talks and publications in major conferences and journals. Contrary to much of current theory and practice, the statistics of the data we observe shifts rapidly, the features of interest change as well, and the volume of data often requires enormous computation capacity. When learning systems are placed at the core of interactive services in a fast changing and sometimes adversarial environment, combinations of techniques including deep learning and statistical models need to be combined with ideas from control and game theory.

Topics of Interest:
We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:
This special session focuses on all aspects of machine learning and networking, with a particular emphasis on understanding fundamental principles. Because of that, it aims to bring together leading scientists in machine intelligence and related areas within health, artificial intelligence, mathematics, and statistics.
Topics of interest to the special session include, but are not limited to:
• Theoretical results on representation and learning architectures;
• Innovative deep architectures/algorithms for data representation and analysis, including both supervised methods.
• Design and/or analysis of recurrent and recursive architectures for processing of sequences and more general data structures;
• Applications of machine intelligence in data representation and analysis, including recognition, understanding, detection, segmentation, retrieval, restoration, super-resolution, and compression;
• Machine intelligence based software and hardware architectures for applications.

Paper Submission Process:
Please submit your paper (in word/pdf format) at
email: sivaranjani.cse@anits.edu.in, mramakrishna.it@anits.edu.in

with '**Emerging technologies in networking with Machine intelligence**' mentioned in the subject line.

For any further queries related to this special session, please contact the session chairs at:
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