

Workshop on Intelligent Systems,
WINS 2022

Online (Initially located in Chennai, India)
22nd April – 24th April 2022.

Organized by Advanced Computing Research Society

Proceedings

Edited by

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Preface

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On the birth centenary of Geoff Tootill, we organized Tootill 100 – 6th International Conference on Computing Sciences (ICCS 2022), during 22nd April 2022 to 24th April 2022. Workshop on Intelligent Systems is a satellite event of ICCS 2022. The workshop was originally scheduled to take place in Chennai, India, but was eventually held online as a virtual meeting because of the COVID – 19 pandemic and restrictions imposed by Government of India. Workshop was attended by 67 participants.

Intelligent Systems are systems that incorporate intelligence into applications being handled by machines. They perform search and optimization along with learning capabilities. Workshop on Intelligent Systems invited research work that focus on the novel approaches, theoretical aspects, new algorithm development and applications in the following areas of research.

- Multidimensional Artificial Intelligence
- Machine Vision and Information Exchange
- Applied Ambient Intelligence
- Soft computing and Applications
- Cognitive Computing and Theory

- Deep Learning Perspectives
- Crowd Sourcing and Collective Intelligence
- Pattern Recognition and Language Processing
- Optimization Approaches

We received 23 papers. 6 papers were rejected in the initial screening process. 18 papers were sent for peer review and 11 papers were accepted and presented in this workshop. The papers were evaluated on the basis of completeness, relevance to the workshop, originality, sufficiently novel, technically sound, structure and presentation of the paper and adequate references to previous work. Every paper was reviewed by 3 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

Workshop had participation from various countries – India, Peru, Australia, Iran, Malta, USA, Morocco, Algeria, Canada, UAE and Norway.

We are thankful to the CEUR Workshop Proceedings (CEUR-WS.org) advisory and management team for providing valuable guidance and for publishing this conference proceedings. We thank all the Committee members for their valuable inputs and time, for making this workshop very successful. We thank all the authors and presenters for disseminating their research outcomes through this workshop. We appreciate each and everyone involved to make this conference meaningful.

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