

# **Proceedings of the EAI 3<sup>rd</sup> International Conference on Intelligent Systems and Machine Learning**

January 5-6, 2024, Pune, India

*ICISML 2024*

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## Preface

This book contains the proceedings of the 3rd International Conference on Intelligent System and Machine Learning, which was held in a hybrid form on January 3-4, 2024. 3rd International Conference on Intelligent Systems and Machine Learning (ICISML-2024) is a premier conference that focuses on the latest advances and emerging technologies in the field of intelligent systems and machine learning. As intelligent systems and machine learning continue to grow and evolve, they have become crucial tools for analyzing and understanding large volumes of data that humans may not be able to comprehend on their own. These technologies allow machines to learn from their mistakes and perform tasks similar to those done by humans, enabling the discovery of insights and patterns in data that can help inform decision-making and drive progress in a variety of fields. The conference aims to bring together researchers, practitioners, and industry experts to share their knowledge and experiences, and to discuss the latest developments and challenges in this rapidly growing field.

The conference has four different technical tracks: Track 1: Image Recognition, Track 2: Machine Learning, Track 3: Intelligent Systems and Machine Learning Applications, and Track 4: Intelligent Communications Networks. The technical programme also featured four keynote talks and one technical workshop. The title of the technical workshops organised in collaboration with the software industry, “CORTEVA Agriscience,” has the theme “Sequences to Satellites: Applications of Artificial Intelligence and Machine Learning in the Agriculture Domain.” The average number of papers per reviewer was three. Around 192 technical experts participated in the review process from across the globe. Three experts in various fields reviewed each paper. A technical programme committee member finally took the decision and communicated it to the authors as per reviewer reports.

Coordination with the general chair, Prof. Ming Cheng, Kennesaw State University, GA, USA, was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent organising committee team and we appreciate their hard work in organising and supporting the conference. We strongly believe that the ICISML 2024 conference provided a good forum for all researchers, developers, and practitioners to discuss all application aspects of science and technology that are relevant to smart grids. We also expect that future ICISML conferences will be as successful and stimulating as indicated by the contributions presented in this volume.

Dr. Sachi Nandan Mohanty  
Dr.Ming Cheng

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