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# Xiaolin Jiang (Ed.)

# Machine Learning and Intelligent Communications

6th EAI International Conference, MLICOM 2021 Virtual Event, November 2021 Proceedings



Editor Xiaolin Jiang Jinhua Advanced Research Institute Jinhua. China

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## **Preface**

We are delighted to introduce the proceedings of the sixth edition of the European Alliance for Innovation (EAI) International Conference on Machine Learning and Intelligent Communications (MLICOM 2021). This conference brought together researchers, developers, and practitioners around the world who are leveraging and developing machine learning and intelligent communications.

The technical program of MLICOM 2021 consisted of 28 full papers in oral presentation sessions in the main conference tracks. The conference tracks were as follows: Track 1 - Internet of Vehicles Communication Systems; Track 2 - Applications of Neural Networks and Deep Learning; Track 3 - Intelligent Massive MIMO Communications; Track 4 - Intelligent Positioning and Navigation Systems; Track 5 - Intelligent Space and Terrestrial Integrated Networks; Track 6 - Machine Learning Algorithms and Intelligent Networks; and Track 7 - Image Information Processing.

Coordination with the steering chairs, Imrich Chlamtac, Xin Liu, and Xin-Lin Huang 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 organizing committee team who worked hard in organizing and supporting the conference. We are grateful to the Technical Program Committee, who completed the peer-review process for the technical papers and helped to put together a high-quality technical program. We are also grateful to the conference managers, Karolina Marcinova and Rupali Tiwari, for their support and to all the authors who submitted their papers to the MLICOM 2021 conference and workshops.

We strongly believe that the MLICOM conference provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to machine learning and intelligent communications. We also expect that future MLICOM conferences will be as successful and stimulating as this year's, as indicated by the contributions presented in this volume.

Xiaolin Jiang Guo Tieliang Zhao Fujun Ren Mingyuan

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