Preface

The 2022 2nd International Conference on Artificial Intelligence and Industrial Technology Applications (AIITA 2022) is held on May 13-15, 2022. Due to the COVID-19 pandemic around the world, and with the strict travelling rules in China, it is still difficult to take international travel for our attendees abroad. Therefore, AIITA 2022 is held both in physical (Dali, China) and online (Zoom). AIITA primary goal of the conference is to promote research and developmental activities in Artificial Intelligence and Industrial Technology Applications and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world.

AIITA 2022 invited over 150 well-known scholars in the field of Artificial Intelligence and Industrial Technology Applications at home and abroad. The conference model is divided into three sessions, including oral presentations, keynote speeches, and online Q&A discussion. In the first part, some scholars, whose submissions are selected as the excellent papers, are given about 5-10 minutes to perform their oral presentations one by one. Then in the second part, keynote speakers are each allocated 30-45 minutes to hold their speeches. In this conference, we are greatly honor to invite Prof. Zhiwu Li, Xidian University, China to serve as our Conference Chairman.

During the conference, we are pleased to invite seven industry elites as our keynote speakers. They were Prof. Haibin Zhu, Nipissing University, Canada; Prof. Chun-Yi Su, Gina Cody School of Engineering and Computer Science, Concordia University, Canada; Prof. Na Li, School of Mechano-Electronic Engineering, Xidian University, China; Prof. Yongquan Yan, School of statistics, Shanxi University of Finance and Economics, China; Prof. Jianquan Ouyang, Xiangtan University, China; Assoc. Prof. Shiling Zhang, State Grid Chongqing Electric Power Company Chongqing Electric Power Research Institute, China; Assoc. Prof. Ruhui Ma, Shanghai Jiao Tong University, China; Their insightful speeches had triggered heated discussion in the third session of the conference. Every participant praised this conference for disseminating useful and insightful knowledge.

AIITA 2022 focused on the latest research fields of "Artificial Intelligence and Industrial Technology Applications ". These papers feature following topics but are not limited to: Artificial intelligence, Intelligent manufacturing, Automation and other related topics. All the papers have been through rigorous review and process to meet the requirements of international publication standard.

We would like to express our sincere appreciation to Honorary Conference Chair, Conference Chairs, Program Chairs, Technical Committee Members, and international reviewers. Their excellent professional advice enabled us to prepare this high-quality program. Our special thanks go to our keynote speakers as well as all the authors for sharing their latest research results. We truly believe that the participants will have had fruitful discussions, and enjoy the opportunity for future collaborations.

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