Preface

On behalf of the organizing committee, it is an honor and a great pleasure to welcome you to the 11th Multi-disciplinary International Workshop on Artificial Intelligence (MIWAI 2017) held from November 20–22, 2017, in Brunei.

MIWAI is an annual event, initiated back in 2007 in Thailand under the title "Mahasarakham International Workshop on Artificial Intelligence." The event has evolved to be an international workshop with participation from around the world starting from 2011 where MIWAI was held in Hyderabad (India). Subsequently, the event was held in Ho Chi Minh City (Vietnam), Krabi (Thailand), Bangalore (India), Fuzhou (China), Chiang Mai (Thailand), and this year in Brunei.

MIWAI solicits papers from all areas of artificial intelligence. It aims to bring together researchers from around the world in the field of artificial intelligence, to exchange ideas, present recent results, and discuss possible collaborations. This year, the international Program Committee consisted of over 120 researchers from 30 countries. A total of 82 submissions from 30 countries were submitted to the event for double-blind peer-review. Of these, 40 submissions were deemed suitable for presentation and to be included in this book. The acceptance rate is around 49%. Besides the papers published in the proceedings, the technical program included two keynote speeches by Ah-Hwee Tan and Guang-Bin Huang, and three public lectures by Laszlo T. Koczy, Peter Haddawy, and Junmo Kim.

The host organization for MIWAI 2017 was the Centre for Innovative Engineering (CIE), one of the research units of Universiti Teknologi Brunei (UTB). The Organizing Committee wishes to express gratitude and appreciation to the following organizations: Springer, IEEE-Computational Intelligence Society, World Federation Soft Computing, and Brain Science Research Center (KAIST) for their technical support; the members of the MIWAI 2017 Program Committee for their time and invaluable effort in the double-blind peer-review process; the keynote speakers and public lecturers who generated an academically stimulating atmosphere; the MIWAI Steering Committee members and MIWAI conveners for their support and suggestions; the UTB advisory board and all members of the local Organizing Committee for their professional team work; and Universiti Teknologi Brunei for its institutional and various supports.

On behalf of the Organizing Committee, we would also like to express our gratitude to Hjh Zohrah binti Haji Sulaiman, our Vice Chancellor, for her guidance and support, which were essential to the success of this event. Finally, we would like to thank all the participants for taking an interest in MIWAI 2017.

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