

# Preface

This volume contains the papers presented at the Australasian Conference on Artificial Life and Computational Intelligence (ACALCI 2017) held from January 31 to February 2, 2017, in Geelong, Australia.

The research areas of artificial life and computational intelligence have grown significantly over recent years. The breadth is reflected in the papers addressing diverse aspects in the domain, from theoretical developments to learning, optimization, and applications of such methods to real-world problems.

This volume presents 32 papers, many of them authored by leading researchers in the field. After a rigorous evaluation of all 47 submissions by the international Program Committee, 32 manuscripts were selected for single-track oral presentation at ACALCI 2017. All papers underwent a full peer-review with three to four reviewers per paper.

The ACALCI 2017 international Program Committee consisted of over 63 members from six countries, based on their affiliation. We would like to thank the members of the international Program Committee, the ACALCI Steering Committee, the local Organizing Committee, and other members of the organization team for their commendable efforts and contributions to the conference.

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