Preface

ARENA 2018 was the eight International Workshop on the Acoustic and Radio EeV Neutrino detection Activities. Held in Catania (Italy) and hosted by the Laboratori Nazionali del Sud of the Istituto Nazionale di Fisica Nucleare, the workshop took place between June 12th and 15th 2018. It was attended by about 70 scientists, coming from across the world. The ARENA series of workshops is dedicated to the use of radio and acoustic sensors for the detection of ultra-high energy cosmic rays and neutrinos.

About sixty presentations, all of very high quality, provided an extensive and up-to date status and perspectives for both radio and acoustic techniques in the aim of detection of high energy cosmic rays and neutrinos. The maturity of the radio detection field envisages a bright future for the present and forthcoming experiments. Major advancements on acoustic detection were also presented and discussed. Cross-fertilisation between high energy physics and other disciplines, such as nuclear medicine and deep-sea science and technology, is pushing renewed interest in the field.

The Editors would like to express their deep appreciation to the International Advisory Board members, to the Local Organisation Committee, and to all the speakers who, with their excellent presentations and lively discussions have made the workshop a success.

<http://www.arena-conference.com/2018/>
<https://indico.cern.ch/event/667036/overview>

Guest Editors

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