

# Preface

The 5th Workshop on Advances in Argumentation in Artificial Intelligence (AI<sup>3</sup> 2021), co-located with the 20th International Conference of the Italian Association for Artificial Intelligence (AIxIA 2021), was held as an online event on the 29th of September 2021, and it brought together the Italian community working in the field of Argumentation.

Argumentation is the study of the processes and activities involving the production and exchange of arguments, where arguments are attempts to persuade someone or something by giving reasons for accepting a particular conclusion as evident. As such, argumentation provides procedures for making and explaining decisions and is able to capture diverse kinds of reasoning and dialogue activities in a formal but still intuitive way, enabling the integration of different specific techniques and the development of trustable applications.

This year the workshop received huge participation, with 15 submissions that were rigorously peer-reviewed. 15 submissions were accepted, 10 as long papers and 5 as long papers. The result was a high-quality, lively event with word-leading experts in the field, including Sanjay Modgil who gave an invited talk on “Truth Logic and Dialogue”.

The workshop organizers wish to thank the participants and the Program Committee for their amazing job at making AI<sup>3</sup> 2021 a great event.

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