

Proceedings of the
Fourth Italian Conference on Cybersecurity
— Scientific and Technical Track —

ITASEC20

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Edited by

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Preface

ITASEC20 is the fourth edition of the Italian Conference on Cybersecurity, an annual event started in 2017 under the support of the CINI Cybersecurity National Laboratory with the aim of fostering networking of cybersecurity researchers and professionals coming from universities, companies, and government institutions. ITASEC20 was held on February 4-7, 2020 in Ancona and was structured into a main cybersecurity science and technology track devoted to contributed talks; a demo track devoted to prototypes developed by companies, research centers and universities; tutorials of interest for the cybersecurity community at large; workshops providing a forum for interactively exchanging opinions, presenting ideas, and discussing preliminary results; and special sessions where domestic cybersecurity startups presented their ongoing activities.

The conference solicited two types of submissions: unpublished contributions to be included in the conference proceedings and presentation-only contributions of already published work, preliminary work and position papers. There were 82 submissions from 14 countries around the world. Among these there were 54 in the unpublished category and 28 in the presentation-only one. Each submission was reviewed by at least 3 programme committee members, with the exception of eight with two reviews, only.

The committee decided to accept 22 papers out of the 54 submitted in the unpublished category, which are included in this proceedings volume. The peer reviewing process has been dealt with through EasyChair. We would like to thank the programme committee members and all the external reviewers, as well as the authors of all submitted papers.

The programme of the technical science and technology track included this year three invited talks by Prof. Martin Abadi, Google Research, Luca Viganò, King's College London, and Prof. Michele Mosca, Università di Waterloo, three leading scientists in the wide area of software security, whom we warmly thank.

We would like to thank all the people involved in the organization of ITASEC20 and its tracks, in particular Paolo Prinetto, Executive Director of the CINI Cybersecurity National Laboratory, the General Chairs of the entire conference, Marco Baldi and Francesco Tiezzi.

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Michele Loreti
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