

## Preface

This book contains the contributions which were selected for publication at the fourth edition of the Distributed Ledger Technology Workshop (DLT 2022), which has been held in conjunction with ITASEC22 in Rome, Italy, on June 20, 2022. This event follows the first three editions of the workshop held at Perugia in 2018, at Pisa in 2019 and at Ancona in 2020, respectively, and represents the annual meeting of the Italian DLT group.

The last years have witnessed an impressive and increasing interest around Distributed Ledger Technology. A huge number of application fields, including finance, academics, IoT, industries, just to mention some of the most popular ones, are experiencing the advantages of reliable and unalterable information storage and exchange without any trusted third party. This large interest makes discussion on open problems more pressing, like, for example, regarding privacy, scalable and low-latency architectures, interoperability, off-chain solutions, legal aspects, etc. Intersections of blockchains with other technological trends, like, AI, big data, IoT, Industry 4.0, are further interesting discussion topics.

The primary goal of DLT2022 was to foster discussion and cross-fertilisation of ideas among experts in different fields related to DLTs, and thus advance the international state-of-the-art. Similarly to the previous editions, the DLT 2022 workshop solicited two kinds of contributions: research papers and oral communications. Both types of contribution entailed an oral presentation at the workshop, but only the former ones are reported in this book. In particular, the workshop accepted 10 research papers and 6 oral contributions.

We would like to express our thanks to the authors who submitted their papers to the workshop, and to the members of the Technical Program Committee for their valuable work in evaluating the submitted papers.

June 2022

Maurizio Pizzonia  
Andrea Vitaletti

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