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Blockchain and Applications

International Congress



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Preface

The 1st International Congress on Blockchain and Applications 2019 (BLOCKCHAIN'19), held in the Heritage city of Ávila, has been a forum for experienced and young researchers on blockchain and artificial intelligence (AI) where they have shared ideas, projects, lectures, and advances associated with these technologies and their application domains. Among the scientific community, blockchain and AI are seen as a promising combination that will transform the production and manufacturing industry, media, finance, insurance, e-government, etc. Nevertheless, there is no consensus with schemes or best practices that would specify how blockchain and AI should be used together. Combining blockchain mechanisms and artificial intelligence is still a particularly challenging task, and the BLOCKCHAIN'19 congress has been a milestone toward its achievement.

The BLOCKCHAIN'19 congress has been devoted to promoting the investigation of cutting-edge blockchain technology, exploring the latest ideas, innovations, guidelines, theories, models, technologies, applications, and tools of blockchain and AI for the industry, and identifying critical issues and challenges that researchers and practitioners must deal with in future research. The technical program has been carefully designed to offer a fresh and balanced selection of advances and results in blockchain and AI, encouraging the presence of fresh and interdisciplinary topics.

The technical program will present both high quality and diversity, with contributions in well-established and evolving areas of research. More than 40 papers were submitted to main and special sessions tracks from over 19 different countries (Canada, France, Germany, India, Ireland, Italy, Jordan, Luxembourg, Malaysia, Malta, Morocco, Netherlands, Oman, Portugal, Slovenia, Spain, Sweden, United Arab Emirates, and USA).

This symposium is organized by the University of Salamanca, IIIT Hyderabad, University of Bologna, and António Pinto - Instituto Politécnico do Porto (Portugal). This first edition will be held in Ávila, Spain, from June 26 to 28, 2019.

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