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# Preface

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# Preface

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The 4th International Conference on Building Materials and Materials Engineering (ICBMM 2020) was planned to be held in Barcelona, Spain. However, due to COVID-19 pandemic, the conference was held virtually in web streaming on September 24-26, 2020. The whole conference was held on-line in ZOOM with a success. ICBMM 2020 conference was organized by the Chemistry and Materials Society (CMS), a branch of Hong Kong Chemical, Biological & Environmental Engineering Society (HKCBEES). Considering the pandemic situation, the organization opted not to postpone or cancel the conference and has created a virtual environment where the attendees presented the papers and participated in the sessions, and where activities that have been organized online can be accessed.

ICBMM 2020 had two keynote speakers presenting the latest developments and trends in their respective fields, Prof. Carlos Chastre from NOVA University of Lisbon, and Prof. Paulo Mendonça, from University of Minho, both from Portugal. Each keynote speech lasted for 50 minutes including 5 minutes Q&A. Moreover, there were 3 parallel sessions including 30 oral presentations covering a wide spectrum of research topics, with presenters from various countries in Asia, Europe, and South America. Each presentation lasted for 15 minutes including 3 minutes Q&A.

I would like to express my sincere gratitude to all in the Technical Committee who have reviewed the papers and developed a very interesting Conference Program, as well as to the keynote speakers. I would also like to thank the organizing committee, the organizing secretariat, as well as all the authors for contributing with their latest research to the success of this conference.

The proceeding of ICBMM 2020 includes a selection of papers submitted to the conference by various authors from different universities, research institutes and industries. All the papers were subjected to peer-review by conference committee members and international reviewers. They were selected for their quality and relevance to the conference.

ICBMM 2020 aimed to provide an excellent avenue for researchers, engineers, and academics to share their research findings and to build networks for further collaborative research in their respective areas. I hope this volume will prove useful for researchers and practitioners in developing and applying new technologies and processes in the field of building materials and materials engineering.

Prof. Carlos Chastre NOVA University of Lisbon, Portugal IOP Conf. Series: Materials Science and Engineering

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