

Preface

This edition contains the selected articles from the 6th International Conference on Numerical Modelling in Engineering (NME 2023). Numerical Modelling in Engineering NME 2023 is the 6th NME meeting which was held in Ghent, Belgium, during the period 29-31 August 2023. Previous NME conferences were held in Ghent, Belgium (2018), Beijing, China (2019) and Ghent, Belgium (2020-2022).

The overall objective of the conference is to bring together international scientists and engineers in academia and industry in fields related to advanced numerical techniques, such as FEM, BEM, IGA, etc., and their applications in a wide range of engineering disciplines. The conference covers industrial engineering applications of numerical simulations in Civil Engineering, Aerospace Engineering, Materials Engineering, Mechanical Engineering, Biomedical Engineering, etc.

The organising committee is grateful to keynote speaker Professor Lihua Wang, School of Aerospace Engineering and Applied Mechanics, Tongji University, Shanghai, China, for her very interesting keynote speech entitled 'Meshfree Stabilized Collocation Method (SCM): theory, algorithm and applications of solid, fluid and fluid-structure interaction problems', and to keynote speaker Professor Magd Abdel Wahab, for his keynote speech 'Numerical Modelling of Fretting Fatigue'.

Finally, the organising committee would like to thank all authors who have contributed to this publication and those who have presented their research work at the conference.

Professor Magd Abdel Wahab
Chairman of NME 2023

Organising Committee

Chairman

Prof. Dr. Ir. Magd Abdel Wahab, Laboratory Soete, Ghent University, Belgium

International Scientific Committee

Prof. L. Vanegas Useche, Universidad Tecnológica de Pereira, Colombia

Prof. J Toribio, University of Salamanca, Spain

Dr. Dagang Wang, China University of Mining and Technology, China

Prof. Hung Nguyen-Xuan, HUTECH, Vietnam

Dr. S Khatir, Ghent University, Belgium

Prof. Timon Rabczuk, Bauhaus University Weimar, Germany

Prof. X. Zhuang, Leibniz Universität Hannover, Germany

Dr. C Le Thanh, Open University Ho Chi Minh City, Vietnam

Dr. Y.L. Zhou to Xi'an Jiaotong University, China