

6th International Conference on Fracture Fatigue and Wear

This content has been downloaded from IOPscience. Please scroll down to see the full text.

2017 J. Phys.: Conf. Ser. 843 011001

(<http://iopscience.iop.org/1742-6596/843/1/011001>)

View [the table of contents for this issue](#), or go to the [journal homepage](#) for more

Download details:

IP Address: 157.193.10.35

This content was downloaded on 05/06/2017 at 14:04

Please note that [terms and conditions apply](#).

You may also be interested in:

[12th International Conference on Damage Assessment of Structures](#)

[11th International Conference on Damage Assessment of Structures \(DAMAS 2015\)](#)

M A Wahab

[7th International Workshop DICE2014 Spacetime – Matter – Quantum Mechanics](#)

H T Elze, L Diósi, L Fronzoni et al.

[Periodic orbits of order three in the tent map](#)

T T Chia and B L Tan

Proceedings of 6th International Conference on Fracture Fatigue and Wear FFW 2017, Porto, Portugal, 26-27 July 2017

Chairman

Prof. Magd Abdel Wahab
Ghent University, Belgium

Co-chairman

Prof. Nao-Aki Noda
Kyushu Institute of Technology, Japan
Dr. Ana Neves
Porto University, Portugal

International Scientific Committee

Prof. S Abdullah, Universiti Kebangsaan Malaysia, Malaysia
Dr. J Abenojar, Universidad Carlos III de Madrid, Spain
Dr. H Ali, University of Bristol, UK
Prof. S Bordas, University of Luxembourg, Luxembourg
Prof. T Hattori, Shizuoka Institute of Science and Technology, Japan
Dr. Miguel Angel Martinez, Universidad Carlos III de Madrid, Spain
Dr. K Masuda, University of Toyama, Japan
Prof. T Miyazaki, University of Ryukyu, Japan
Prof. K Oda, Oita University, Japan
Prof. RV Prakash, Indian Institute of Technology, India
Prof. T Qin, China Agricultural University, China
Prof. F Rezai-Aria, Ecole des Mines d'Albi, France
Dr. A Rudawska, Lublin University of Technology, Poland
Dr. MS Prabhudev, Government Polytechnic, Kalgı, India
Dr. Y Sano, Kyushu Institute of Technology, Japan
Prof. J Song, Ostwestfalen-Lippe University, Germany
Prof. J Toribio, University of Salamanca, Spain
Dr. N Tsutsumi, Oita University, Japan
Prof. C Xu, China Agricultural University, China
Prof. C Zhou, Nanjing University of Aeronautics and Astronautics, China
Dr. Y-L Zhou, National University of Singapore, Singapore



Editorial

This volume contains the proceedings of the 6th International Conference on Fracture Fatigue and Wear FFW 2017, Porto, Portugal, 26-27 July 2017. Fracture Fatigue and Wear 2017 is the 6th FFW conference. Previous conferences were celebrated in Jinan (China, 2010), Kitakyushu (Japan, 2013), Kitakyushu (Japan, 2014), Gent (Belgium, 2015) and Kitakyushu (Japan, 2016).

The sixth international conference on Fracture, Fatigue and Wear will be held in the city of Porto, Portugal. The overall objective of the conference is to bring together international scientists and engineers in academia and industry in fields related to Fracture Mechanics, Fatigue of Materials, Tribology and Wear of Materials. The conference covers industrial engineering applications of the above topics including theoretical and analytical methods, numerical simulations and experimental techniques. One of the aims of conference is to promote cooperation between international scientists and engineers from a large number of disciplines, who are involved in research related to Fracture, Fatigue and Wear. The presentations of FFW 2017 are divided into 3 main sessions, namely 1) Fracture, 2) Fatigue and 3) Wear.

The organising committee is grateful to keynote speakers; Professor Hong Liang, Mechanical Engineering, Texas A & M University, for her keynote lecture entitled ‘Direct and in situ Observation of Initiation of Wear ‘ and Professor Xudong Qian, Department of Civil and Environmental Engineering, National University of Singapore, for his keynote lecture entitled ‘Ductile Fracture Assessment and Representation in Large-Scale Structures’.

Special thanks go to members of the Scientific Committee of FFW 2017 for reviewing the articles published in this volume and for judging their scientific merits. Based on the comments of reviewers and the scientific merits of the submitted manuscripts, the articles were accepted for publication in the conference proceedings and for presentation at the conference venue. The accepted papers are of a very high scientific quality and contribute to advancement of knowledge in all research topics relevant to FFW conference.

Finally, the organising committee would like to thank all authors, who have contributed to this volume and presented their research work at the conference venue in Porto.

Professor Magd Abdel Wahab

Chairman of FFW 2017