2nd International Conference on

APPLIED SCIENCE & AEROSPACE ENGINEERING



June 24-25, 2019
Tokyo, Japan

https://appliedscience.euroscicon.com/
https://aerospace-mechanical.euroscicon.com/

EuroSciCon

Applied Science & AeroSpace 2019

Agenda Day 1: June 24, 2019

08:30-09:00 **Registration**

09:00-09:25 Opening Ceremony

09:25-09:30 **Introduction**

Session Start @ Flor 2F

Keynote Presentations

09:30-10:15 **Title: When big data isn't enough: solving the long-range forecasting problem in supervised learning**
Joseph L Breeden, Prescient Models LLC, USA

10:15-11:00 **Title: Periodic material-based vibration isolation of mechanical systems**
Y.L. Mo, University of Houston, USA

Networking & Refreshment Break @ 11:00-11:15 @ Meeting Area

11:15-12:00 **Title: Combined experimental test and numerical simulations for robust design and certification of vehicle restraint systems**
Michel Massenzio, University Lyon/IFSTTAR, France

12:00-12:45 **Title: A finite element microstructure model considering crystallographic texture for forward and inverse magnetic evaluation of anisotropy in steels**
Jun Liu, University of Warwick, UK

Plenary Session

Fundamental and Applied Sciences | Civil Engineering | Mechanical Engineering | Aeronautical & Astronautical Engineering | Aerospace Technology

Session Chair: Joseph L Breeden, Prescient Models LLC, USA

Session Co-Chair: Y.L. Mo, University of Houston, USA

12:45-13:15 **Title: Scientific and legal reforms related to structural health monitoring in India**
Vandana Bhatt, IIT Bombay, India

Lunch Break: 13:15-14:00 @ Ceres Restaurant

14:00-14:30 **Title: Scientific and legal reforms related to structural health monitoring in India**
Suraj Vyas, Court of appeals of Maryland, USA

14:30- 15:00 **Title: Experimental and numerical investigation on tensile properties of a composite-to-metal hybrid joint with adhesive fillets**
Xiaoquan Cheng, Beihang University, China

15:00-15:30 **Title: Experimental and numerical investigation on tensile properties of a composite-to-metal hybrid joint with adhesive fillets**
Xiaoqi Li, Beihang University, China

15:30-16:00 **Title: Q-values for P and S waves in Southern Sinai and Southern Gulf of Suez Region, Egypt**
Gad-Elkareem Abdrabou Mohamed, National Research Institute of Astronomy and Geophysics, Egypt

Networking & Refreshment Break @ 16:00-16:20 @ Meeting Area

Young Research Forum

16:20-16:50 **Title: Lightning strike protection effect of composite laminates with carbon nanotube films**
Xianglin Zhang, Beihang University, China

Video Presentation

16:50-17:20 **Title: Simulation based aerospace engineering science**
J. S. Rao, Vibration Institute, India

Panel Discussion

Closing Ceremony



Mark your calender

3rd International Conference on
Applied Science and Innovative Engineering

May 11-12, 2020 | Frankfurt, Germany

Email: appliedscience@eurosessions.com
Website: https://appliedscience.euroscicon.com

International Conference on
Mechanical & Aerospace Engineering

May 11-12, 2020 | Frankfurt, Germany

Email: mechanical@eurorendezvous.com
Website: https://aerospace-mechanical.euroscicon.com/