



Dipartimento  
Meccanica  
Matematica  
Management

MIUR  
Dipartimento  
di Eccellenza  
2018-2022

# Interdisciplinary Research Webinars 2021

Delivered by internationally recognized experts in different fields of pure and applied research, this collection of webinars aims at promoting inter- and multi-disciplinary scientific research. Participation is welcome and open to the PoliBa Academic Community.  
Join us at: [DMMM Research Webinars](#)

## Schedule

**5th March 2021 | 12:00**

**Markus J. Buehler**  
McAfee Professor of Engineering  
Massachusetts Institute of Technology, USA  
**Bioinspired Artificial Intelligence: Materials by Design**

**14th April 2021 | 14:30**

**Erasmus Carrera**  
Professor of Aerospace Structures  
Politecnico di Torino, IT  
**Structural Mechanics through CUF**

**13th May 2021 | 15:30**

**Siddhartha Mishra**  
Professor of Applied Mathematics  
ETH Zurich, CH  
**Deep Learning and Computations of PDEs**

**4th June 2021 | 15:30**

**Joseph Gabbard**  
Professor of Human Factors & HCI  
Virginia Tech, USA  
**Challenges and Opportunities in Designing Augmented Reality User Interfaces**

**23th June 2021 | 15:30**

**Alessandro Reali**  
Professor of Structural Mechanics  
Università degli Studi di Pavia, IT  
**Some Recent Advances in Isogeometric Analysis**

**14th July 2021 | 11:30**

**Luigino Filice**  
Professor of Manufacturing Systems and Technologies  
Università degli Studi della Calabria, IT  
**Open Innovation in the Manufacturing: present and future perspectives**

**1st October 2021 | 15:30**

**Marco Buratti**  
Professor of Geometry  
Università degli Studi di Perugia, IT  
**Differences still make the difference**

**19th November 2021 | 15:30**

**Martin Mueser**  
Professor of Materials Simulation  
Saarland University, DE  
**Contact and friction in tribology: from atomistics modelling to continuum mechanics**

**9th December 2021 | 15:30**

**Maurizio Porfiri**  
Institute Professor at  
NYU Tandon School of Engineering, USA  
**When zebrafish met engineering**

For further information please contact  
Angela Aguglia ([angela.aguglia@poliba.it](mailto:angela.aguglia@poliba.it))

Delegate of the DMMM Director for the Integration and Collaboration of the SSD, Areas 01 e 09