

Fourth International Workshop on

# VALIDATION OF COMPUTATIONAL MECHANICS MODELS

5<sup>TH</sup> NOVEMBER 2019

GROSSER ZUNFTSAAL, ZUNFTHAUS ZUR ZIMMERLEUTEN, ZURICH

(GREAT HALL in the GUILD HOUSE OF CARPENTERS, ZURICH)

## CALL FOR PAPERS

This event follows the successful international workshops on validation of computational mechanics models held in **Shanghai**, China in 2011, **London**, UK in 2013 and **Munich**, Germany in 2014. The workshop includes significant discussion periods on issues associated with establishing confidence and credibility in simulation results generated using computational models. The use of data – historical, experimental and simulated – in both design and decision-making will be addressed. The submission of a two-page abstract on the following session topics is invited:

### CREDIBLE MODELS FOR ENGINEERING DECISION-MAKING

Keynote: Linden Harris, Airbus UK,  
The assessment of smarter testing for credibility and maturity

### VALIDATION OF MULTI-PHYSICS MODELS OF ENGINEERING SYSTEMS

Keynote: Anna Pandolfi, Politecnico di Milano,  
Validation of multiphysics models: from the material scale to the boundary value problem

### THE FUTURE OF EXPERIMENTAL DATA FOR MODEL TRUSTWORTHINESS

Keynote: Yakov Ben-Haim, Technion,  
As our Island of Knowledge Grows, so Does the Shore of our Ignorance

**Deadline:** Papers should be submitted by **May 31<sup>st</sup> 2019** to [erwin.hack@empa.ch](mailto:erwin.hack@empa.ch)

Authors of accepted papers will be informed by 30<sup>st</sup> June 2019.

**Registration is free and an evening reception is included!**

For further details visit [www.engineeringvalidation.org](http://www.engineeringvalidation.org)

**The workshop is funded by the EU H2020 project MOTIVATE.**



**MOTIVATE** – Matrix Optimization for Testing by Interaction of Virtual And Test Environments

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