Fourth International Workshop on

VALIDATION OF COMPUTATIONAL MECHANICS MODELS

5ᴛʜ 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 31ˢᵗ 2019** to erwin.hack@empa.ch
Authors of accepted papers will be informed by 30ˢᵗ June 2019.

Registration is free and an evening reception is included!

For further details visit 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