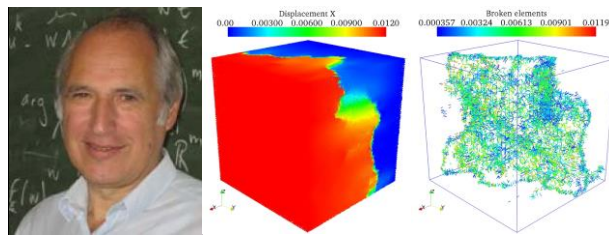

LECTURE

Parameter identification for continuum mechanics models

Prof. dr. Hermann G. Matthies



- / Big Data and mathematical models
- / Mathematical structure of parameter identification as an inverse problems
- / Bayesian updating, mathematical description via conditional expectation and numerical approximations
- / Parameter identification through measurements, and in multi-scale computations — probabilistic homogenisation
- / Identification for linear models in continuum mechanics
- / Identification for non-linear and irreversible material behaviour like plasticity and damage

25.9.2017. / 11.00h / Fakultet strojarstva i brodogradnje /
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