### Registration and Fees

early registration late registration Conference excl. dinner 270 Euro 300 Euro Conference incl. dinner 320 Euro 360 Euro

The registration fee includes participation in all sessions, coffee breaks, and welcome reception. Deadline for early registration is March 15, 2019.

## Accommodation

A limited number of rooms have been reserved at hotels in the vicinity of the conference venue. A list of hotels is available on the conference website.

#### Abstracts

Abstracts of one page should be prepared using LaTeX or Word and submitted in **PDF** format both for oral and poster presentations. The deadline for submission of abstracts is February 15, 2019.

#### Deadlines

Abstract Submission: February 15, 2019Notification of Abstracts:March 1, 2019Early Registration:March 15, 2019Paper Submission for Proceedings:July 31, 2019

### Scientific Committee

- $\cdot\,$ Douglas J. Bammann, Mississippi State Univ., USA
- $\cdot\,$  Frederic Barlat, Pohang Univ. of Science and Technology, Korea
- $\cdot\,$  Stéphane Berbenni, University of Lorraine, Metz, France
- · Albrecht Bertram, Univ. of Magdeburg, Germany
- $\cdot$ Francesco dell'Isola, Universita di Roma La Sapienza, Italy
- · Paweł Dłużewski, IPPT, Warsaw, Poland
- $\cdot\,$  Fionn Dunne, Univ. of Oxford, UK
- · Yuri Estrin, Monash Univ./CSIRO MSE, Melbourne, Australia
- · Samuel Forest, Mines ParisTech, Paris, France
- $\cdot$  Alexander Freidin, St. Petersburg Polytechnic University, Russia
- $\cdot\,$  Marc Geers, Eindhoven Univ. of Technology, The Netherlands
- $\cdot$ Sanjay Govindjee, Univ. of California, Berkeley, USA
- $\cdot\,$ Istvan Groma, Eötvös Univ., Budapest, Hungary
- · Mitsutoshi Kuroda, Yamagata Univ., Japan
- $\cdot\,$  Dave McDowell, Georgia Institute of Technology, USA
- $\cdot\,$  Karol Miller, University of Western Australia, Australia
- · Roberto Paroni, Univ. di Pisa, Italy
- $\cdot$  Arun Srinivasa, Texas A&M Univ., College Station, USA
- · Srinivasan M. Sivakumar, Indian Institute of Technology, Madras, India
- · Bob Svendsen, RWTH Aachen Univ., Germany
- · George Voyiadjis, Lousiana State Univ., USA
- · Zheng Quan-Shui, Tsinghua Univ., Beijing, China

## 6<sup>th</sup> International Conference on Material Modelling

6<sup>th</sup> International Conference on Material Modelling June 26<sup>th</sup>- 28<sup>th</sup>, 2019 Lund, Sweden





# Scientific Objectives

Material modelling has become a field of central scientific importance during the last decades. Although there exist many workshops, meetings, colloquia, *etc.* on specific materials and particular applications, here a single conference dedicated to material modelling with all its various facets is intended. To this end, the aim of the ICMM conference is to bring together researchers from the various fields of material modelling and material characterization and to cover all aspects of material modelling. This will provide the opportunity for interaction among and exchange between scientists working in different subareas of material mechanics who otherwise would not come into contact with each other.

This biannual conference is the sixth in the ICMM series. The first ICMM took place in Dortmund 2009 (Germany). The conference has since then been organized in Paris (France), Warsaw (Poland), Berkeley (USA) and Rome (Italy).

#### Venue

ICMM6 2019 will take place at the downtown university campus area in the city of Lund during one of the most beautiful times of the year. Lund is a city where thousands of years of history blends with modern knowledge and visions.

Lund is easily accessible by train from the Copenhagen International airport and by bus from Malmö airport.



# Main Topics

- $\cdot\,$  Linear elasticity and viscoelasticity
- $\cdot\,$  Nonlinear elasticity
- · Plasticity and viscoplasticity
- $\cdot$  Experimental identification and material characterization
- $\cdot\,$  Cosserat, micromorphic and gradient materials
- $\cdot\,$  Atomistic/continuum transition on nanoscale
- $\cdot\,$  Optimization and inverse problems in multiscale modelling
- · Granular materials and particle systems
- $\cdot$  Biomechanics and biomaterials
- · Electronic materials
- · Heterogeneous materials
- $\cdot\,$  Coupled field problems
- · Creep, damage and fatigue
- · Numerical aspects of material modelling

# Local Organizing Committee

Matti Ristinmaa Mathias Wallin Stephen Hall Andreas Menzel Albrecht Bertram



#### Tentative Schedule

June 25: Registration & Welcome receptionJune 26-28: PresentationsJune 28: Conference Dinner

Both oral and poster presentations are planned.

# Conference Proceedings

Selected papers will be published after the conference as a special issue of a peer-reviewed international journal. The book of abstracts will be made available to all participants in electronic form.

#### Contact

For questions and comments please contact us at the following address:

http://www.icmm6.lth.se email: info.icmm6@solid.lth.se

