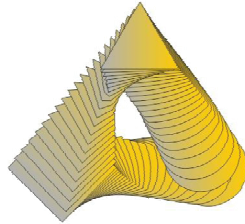


14th International Conference

LOCAL MECHANICAL PROPERTIES 2019



LMP 2019

6-8th November 2019

Prague, Czech Republic

lmp-conference.cz

Organized by:



**Czech Technical University in Prague
Faculty of Civil Engineering**

under the auspices of the Dean
Prof. Ing. Jiří Máca, CSc.

SCOPE

The Fourteenth International Conference on Local Mechanical Properties will be held in Prague, Czech Republic, from Wednesday, November 6 to Friday, November 8, 2019. This year, the conference is organized by the Czech Technical University in Prague, Faculty of Civil Engineering, Czech Republic.

Following a long tradition of the conference and the success of the previous events, LMP become a well-established forum in the field of local mechanical testing, micromechanics and related micro-structural studies in various areas of the materials science. The forum has always been organized in a warm atmosphere promoting further collaboration and contacts of the participants.

The meeting will provide an opportunity to highlight recent results of research and development in the field of materials engineering, experimental methods, modeling, important industrial applications, with the aim to characterize mechanical properties of materials from nano- to micro/meso-scale.

Contributions on indentation and methods for hardness and other mechanical properties assessment, measurement of deformations and stresses, time-dependent properties with related microstructure analyses (TEM/SEM, AFM,TERS, etc.) regardless of material type (metals, ceramics, plastics, biomaterials, concrete, etc.) are welcome. Contributions containing combination of the techniques and micro-structurally motivated material models are highly appreciated. However, contributions related to large scale mechanical properties are out of the scope of the conference.

VENUE

The conference will be held at the Czech Technical University in Prague, **Czech Institute of Informatics, Robotics, and Cybernetics**, Prague, Czech Republic,
<https://www.ciirc.cvut.cz>



The symposium venue is located at Prague 6-Dejvice campus of the CTU, easily accessible from Prague center, Prague airport, with good public transportation connections.

Prague, the capital of the Czech Republic, is a romantic city with a uniquely preserved historic core. Situated in the heart of Europe the city has become a center of various activities including business, arts, politics and sciences. It has been continuous magnet for tourists due to many attractions including Prague Castle, the seat of Bohemian Kings since 12th century and now the seat of the Czech President, Charles Bridge, Old Town Square with the Prague astronomical clock, the Jewish Quarter, Vyšehrad castle and many others. Most of these architectural gems have been meticulously renovated and restored. Prague is also a city of modern architecture surrounding the city center.



IMPORTANT DATES

Deadlines	2019
Abstract submission and registration	April 10
Confirmation of accepted abstracts	May 10
Early bird registration & payment	June 10
Full text submission	September 10
Registration & payment	September 10
Conference	November 6-8

CHAIR OF THE CONFERENCE



Assoc. Prof. Jiří Němeček
Associate Professor at Czech Technical University in Prague. Adjunct Professor, CEAE, University of Colorado at Boulder, USA.

HONORARY CHAIR

Prof. Ladislav Pešek (SK)

SCIENTIFIC BOARD

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Prof. Michael Swain (AUS), Dr. Pavol Zubko (SK)

LOCAL ORGANIZING COMMITTEE

Jiří Němeček, Radim Čtvrtlík, Petr Haušild

INVITED SPEAKERS



Prof. Dr. Mark Swain
Professor of Bio-engineering and Biomaterials at the Don State Technical University in Rostov on Don in Russia and Emeritus Professor at Sydney University.



Prof. Dr. Gerhard Dehm
Director at the Max-Planck-Institut für Eisenforschung and Professor at the Ruhr-Universität Bochum.

CALL FOR ABSTRACTS

The Conference will include invited and keynote lectures, oral presentations and posters. Prospective authors are invited to send a short abstract first. One page abstracts should be submitted by April 10, 2019. The guidelines for authors are available at the conference webpage.

CONFERENCE PROCEEDINGS

Accepted contributions will be reviewed and published in open access journal Acta Polytechnica CTU Proceedings. The issue will be indexed by DOAJ database and Web of Science/Scopus database.

BEST POSTER COMPETITION

Young scientists and authors are encouraged to join poster competition held during the conference. Three outstanding posters will be awarded.

EXHIBITION AND SPONSORS

During the Conference there will be an opportunity to exhibit laboratory equipment related to the topics of the meeting. Sponsors of the conference will be provided with exhibition and advertising space. Interested exhibitors and sponsors are asked to contact the conference chair.

CONFERENCE FEE

Early-bird fee 8750 CZK / ~350 EUR
Conference fee includes conference materials, preparation and publishing of the proceedings, refreshment during breaks and a conference dinner. Details are given at : lmp-conference.cz

CONTACTS

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