

IMPORTANT DATES

Mini-symposia proposals deadline	31 December 2012
Mini-symposia acceptance deadline	15 January 2013
Abstract submission deadline	28 February 2013
Notification of acceptance	1 May 2013
Extended abstract submission deadline	30 May 2013
Early registration fees deadline	30 May 2013
Regular registration fees deadline	30 July 2013

FEES

	Early	Regular
Participants	350 EUR	450 EUR
Young scientists (below the age of 30)	250 EUR	270 EUR
Accompanying persons	225 EUR	250 EUR

The Conference fee includes:

- conference proceedings and materials
- access to all scientific sessions
- refreshments and lunches
- banquet
- gala evening
- half-day tour

ACCOMMODATION

Suggestions for the hotels nearby the Conference venue will be available on the Conference website.

ADDRESS OF THE CONFERENCE OFFICE

CMM-2013
Institute of Structural Engineering
Poznan University of Technology
ul. Piotrowo 5,
60-965 Poznań, Poland
fax: +48 61 876 61 16
e-mail: cmm2013@put.poznan.pl
www: <http://www.cmm2013.put.poznan.pl>

CONFERENCE VENUE

Scientific events will take place at the Poznan University of Technology Educational Center, Piotrowo 3 St. in Poznań, POLAND.



Poznan University of Technology Educational Center

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Opera house in Poznań

20th INTERNATIONAL CONFERENCE ON COMPUTER METHODS IN MECHANICS

CMM 2013



CALL FOR PAPERS

27 – 31 AUGUST 2013
POZNAŃ, POLAND

<http://www.cmm2013.put.poznan.pl>
First announcement

SCOPE AND OBJECTIVES

The **20th International Conference on Computer Methods in Mechanics CMM-2013** continues the 40-year series of Polish conferences dedicated to numerical methods and their applications to the problems governed by the laws of mechanics.

These scientific meetings, organized since 1973 at regular two-year intervals, have common general objective – to provide a forum for presentation and discussion of new ideas referring to the theoretical background and practical applications of computational mechanics. The program of each conference reflects current extensive research in this field of science.

Conference sessions are supplemented by exhibitions and presentations of publishing houses and software companies.

CONFERENCE TOPICS

Authors are invited to submit papers on all aspects of computer methods in mechanics. Topics of interest include, but are not limited to:

- adaptive materials systems, structures and smart materials
- artificial intelligence methods
- biomechanics
- contact mechanics
- computational intelligence
- concrete and ceramic materials
- coupled field problems
- dynamics of multibody systems
- experimental mechanics
- fluid mechanics, including modeling of blood flow
- geophysics
- growth phenomena and evolution of microstructures
- heat transfer
- industrial applications
- inverse problems and optimization
- mechanics of multiphase and porous materials
- mechanics of plates and shells
- meshless and related methods
- multiscale problems and nanomechanics
- numerical analysis of the initial and boundary value problems in mechanics
- parallel computing
- response of structures to extreme actions
- soft computing
- solid, structural and composite mechanics

CONFERENCE PROCEEDINGS

Extended abstracts accepted for the Conference will be printed in a book and a USB-Stick. Short abstracts of presentations will be gathered in a separate booklet. Full-length papers contributed by plenary lecturers and keynote speakers are planned to be published in a high-profile journal.

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CONFERENCE FORMAT

The Conference will begin in Poznań with registration and a welcome reception at the Poznań University of Technology Educational Center on Sunday evening, August 26, 2013. Plenary and keynote talks as well as oral presentations will be given during joint sessions, minisymposia and parallel sessions from Tuesday through Friday in the auditoria and lecture rooms of the Conference venue.

The social program of the Conference includes the banquet on one of the mid-week evenings. More information on all events will be available on the Conference website.

PLENARY LECTURES

According to the preliminary program, plenary lectures dedicated to the most recent achievements in the computational methods will be given by the following researchers of international renown:

- Professor **Jacob Fish** - Columbia University, USA
Professor **John W. Hutchinson** - Harvard University, USA
Professor **Manolis Papadrakakis** - National Technical University of Athens, Greece
Professor **Umberto Perego** - Politecnico di Milano, Italy
Professor **Stanisław Stupkiewicz** - Institute of Fundamental Technological Research, Warsaw, Poland
Professor **George Z. Voyiadjis** - Louisiana State University, USA
Professor **Krzysztof Wilde** - Gdansk University of Technology, Poland
Professor **Peter Wriggers** - Leibniz Universität Hannover, Germany.

An up-to-date schedule of lectures will be published on the Conference website.