The Congress aims at gathering together international experts in the field of ceramic science and material modelling with representatives from research institutes and industry in order to enhance the communication between experimental materials research and computational work, to improve efficiency in several steps of the processing procedures and to predict the potential of new advanced materials under specific application conditions and for specific functionalities. Particular emphasis will be given to advanced ceramics employed in emerging sectors also including nanotechnology, bio-engineering and medicine.

Key points will be: constitutive modelling, computer simulation and design, experimental calibration and validation of the ceramic forming process and of innovative ceramic products.

During the Congress a special session will be held to celebrate Prof. Tomasz Hueckel’s 70th birthday.

A special issue of Journal of European Ceramic Society is planned as the outcome of the CERMODEL2015 congress.

INVITED SPEAKERS
Paulo Rui Alves Fernandes, Technical University of Lisbon, Portugal
Pietro Asinari, Politecnico di Torino, Italy
Maurizio Ferrugia, University of Trieste, Italy
Tomasz Hueckel, Duke University, USA
Byung-Nam Kim, National Institute for Materials Science, Japan
Lyesse Laloui, Ecole Polytechnique Fédérale de Lausanne, Switzerland
Giulio Maier, Politecnico di Milano, Italy
Robert McMeeking, University of California Santa Barbara, USA
Alexander Movchan, University of Liverpool, UK
Natasha Movchan, University of Liverpool, UK
Stan Pietruszczak, McMaster University, Canada
Andrea Piccolroaz, University of Trento, Italy
Nicola Pugno, University of Trento, Italy
Daniel Rittel, Technion - Israel Institute of Technology, Israel
Gian Domenico Soraru, University of Trento, Italy
Anna Tampieri, ISTEC-CNR, Italy

CONGRESS CHAIRS
Davide Bigoni, University of Trento
Anna Tampieri, ISTEC-CNR, Italy
Paolo Zannini, University of Modena and Reggio Emilia, President of the Italian Ceramic Society

CONTACTS
Scientific Coordination
Irena Jatro
ph. +39-0461-281927
cermodel2015@unitn.it

Organizing Secretariat
Communication and Events Service
University of Trento
comunicazione-collina@unitn.it

http://events.unitn.it/en/cermodel2015

SCIENTIFIC COMMITTEE
Pietro Asinari, Politecnico di Torino, Italy
Francesco Cecinato, University of Trento, Italy
Francesco Dal Corso, University of Trento, Italy
Luca Deseri, University of Trento, Italy
Manuel Doblaré Castellano, University of Zaragoza, Spain
Alessandro Gajo, University of Trento, Italy
Massimiliano Gei, University of Trento, Italy
Tomasz Hueckel, Duke University, USA
Lyesse Laloui, Ecole Polytechnique Fédérale de Lausanne, Switzerland
Giulio Maier, Politecnico di Milano, Italy
Robert McMeeking, University of California Santa Barbara, USA
Alexander Movchan, University of Liverpool, UK
Natasha Movchan, University of Liverpool, UK
Zenon Mróz, IPPT, Poland
Stan Pietruszczak, McMaster University, Canada
Andrea Piccolroaz, University of Trento, Italy
Nicola Pugno, University of Trento, Italy
Daniel Rittel, Technion - Israel Institute of Technology, Israel
Gian Domenico Soraru, University of Trento, Italy
Anna Tampieri, ISTEC-CNR, Italy

ENDORSER:

SUPPORTERS:

INTERCER

http://events.unitn.it/en/cermodel2015