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### Editorial

## Cermodel 2015: Modelling and Simulation Meet Innovation in Ceramics Technology, July 1–3, 2015, Trento, Italy



This special issue contains selected articles related to presentations given at the congress 'Cermodel 2015: Modelling and Simulation Meet Innovation in Ceramics Technology' held in Trento, Italy, July 1–3, 2015. This congress was the second of a series whose scope is to highlight the modeling of ceramic materials, using mechanical, mathematical, constitutive, experimental and numerical techniques.

In order to maintain leadership, the ceramics industry has to keep up with demands from different directions. On the one hand ever higher performance is being called for, while on the other hand requirements for sustainability and reduced emissions are more and more pressing. In this climate, modeling becomes a crucial step in creating the innovative processes and novel designs necessary to produce the high performance ceramics of the future.

The special issue manuscripts were limited to original work and were reviewed following the standard procedures of the Journal of the European Ceramic Society, with the aim of bringing together papers providing the most recent developments in a field of great industrial interest. The Organizing Committee is grateful for financial support from the EU (PIAPGA-2011-286110-INTERCER2), the University of Trento (Italy), the CNR-ISTEC Istituto di Scienza e Tecnologia dei Materiali Ceramici (Faenza, Italy), the Italian Ceramic Society, Sacmi, Enginsoft, and Vesuvius that contributed greatly to the success of the Conference and to the Provincia di Trento that welcomed the event and the participants.

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