

Engineering Mechanics Lustrum

Twenty Years of World-Class PhD Education

24 October 2017 Papendal, Arnhem

History The Graduate School on Engineering Mechanics was founded in 1996 and has been accredited by the Royal Netherlands Academy of Arts and Sciences (KNAW) since 1997. The School embraces all internationally important Solid Mechanics research groups at the three technical universities of Eindhoven, Delft and Twente. The prime objective of the Graduate School over the past twenty years was to establish a national high-level scientific education of PhD students and Post-Docs. Supported by its constituting research groups, several generations of highly-qualified independent researchers in the field of Engineering Mechanics have been trained. The complete educational programme spanning the past twenty years of EM is impressive: 80 courses have been organized to the benefit of over 600 PhD students and Post-Docs.

EM Symposia To foster collaboration, communication and to address challenges in the field of Engineering Mechanics, a national Engineering Mechanics symposium is yearly organized. Prestigious Koiter lectures were given by an impressive series of internationally leading experts in the field: Professors Zandbergen, Schiehlen, Hutchinson, Ramm, Kreuzer, Fleck, Sigmund, Grodzinsky, Wriggers, Needleman, Schrefler, Holzapfel, Farhat, Mang,

Gottlieb, Owen, Wall, Boisen, Reese and Maute. Within topical workshops, the state-of-the-art is presented by faculty members and PhD students present their current research. Every year, a dynamic poster session takes place which gives a full breadth overview of all the EM research in the Netherlands. Best posters and technical presentations are selected and awarded. Since 2015, the Mechanics division of the Royal Dutch Society of Engineers (KIVI) stimulates the field with the Biezeno Solid Mechanics Award, which is given to the best PhD thesis of the past year in Solid Mechanics in the Netherlands.

The EM Lustrum day Engineering Mechanics will celebrate its 20th anniversary with an inspiring scientific and festive programme. All alumni, staff members, PhD students, Post-Docs, industrial partners, academic colleagues, and policy makers are cordially invited for this special Lustrum day.

Location The Lustrum day will take place at Papendal, Arnhem. Papendal is the largest elite (olympic) sports training centre in the Netherlands and is centrally located and therefore easily accessible. This competitive location is a stimulating environment for this lustrum event.

Programme in a nutshell:

The annual prestigious **Koiter lecture** will be given by an honorary speaker, Prof. Zhigang Suo, from Harvard University.

EM Alumni lectures will be given by selected PhD graduates of the 3 technical universities, who made a successful career in academia or industry.

A two-session **Poster presentation** and discussion offers a full view of all the current research projects by PhD students and Post-Docs.

The EM Marketplace, exposes projects, setups, equipment, research results and challenges from academia and industry.

Public presentation and lecture of **The Biezeno Award winner** for the best PhD thesis in Solid Mechanics in 2016.

Registration The Lustrum day is freely accessible upon registration via:
<https://www.aanmelder.nl/93455>

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