

Valedictory lecture
prof.dr. Kees van Hee
November 11, 2011

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Model Engineering: Balancing between Virtuality and Reality

Where innovation starts

Invitation

Prof.dr. Kees van Hee has been full professor of Computer Science at Eindhoven University of Technology since 1 July 1984, although between 1994 and 2004 he was part-time professor. His tenure ends on 1 December 2011 and he will be giving his valedictory lecture on Friday 11-11-11.

Kees van Hee studied Mathematics, with Physics and Economics in Leiden. In 1971 he became assistant professor of Computer Science in Leiden. At the end of 1973 he moved to TU/e where he received a PhD in 1978. The subject of his thesis was Markov decision processes with incomplete information. After his PhD he became director of AKB, a consultancy firm in Rotterdam specializing in operations research and statistics. In 1984 he was appointed professor of Computer Science, in particular the theory of information systems. He focused on methods for modeling information systems and on intelligent information systems. In 1994 he became director of Bakkenist Management Consultants. When this firm merged with Deloitte in 1999, he became a partner of Deloitte Consultancy. In 2004 he returned full-time to TU/e and focused on analysis methods for information systems using Petri nets. From 2005 till 2009 he was Dean of the Mathematics and Computer Science department. Since 2007 he has been director of the Stan Ackermans Institute, which provides professional doctorate programs in design and engineering.

The valedictory lecture

Model engineering concerns the development of models of complex systems. This modeling is performed for a variety of reasons, such as system behavior prediction, system optimization or system construction. Model engineering requires a modeling framework that includes a language to represent the model and a set of techniques to analyze the model. Kees van Hee has made many actual models and developed modeling frameworks. In the lecture he will present an overview of this field, based on his experiences.

On behalf of the Executive Board of Eindhoven University of Technology, I hereby invite you to the valedictory lecture of prof.dr. Kees van Hee on **Friday 11 November 2011, at 4 p.m.** The lecture will be held in the Blauwe Zaal of the Auditorium.

The lecture will be entitled:

'Model Engineering: Balancing between Virtuality and Reality'

Afterwards professor Van Hee will hold a reception in the Senaatszaal.

The professors among you are invited to walk along in the cortège. You are requested to register in advance at the Office of Doctoral Presentations and Academic Ceremonies, telephone number: +31 40 247 59 40, e-mail: penp@tue.nl.



Prof.dr.ir. C.J. van Duijn
Rector Magnificus