

Ruzena Bajcsy

Lectures on Communications initiated by DFG SFB 1053 MAKI



TECHNISCHE
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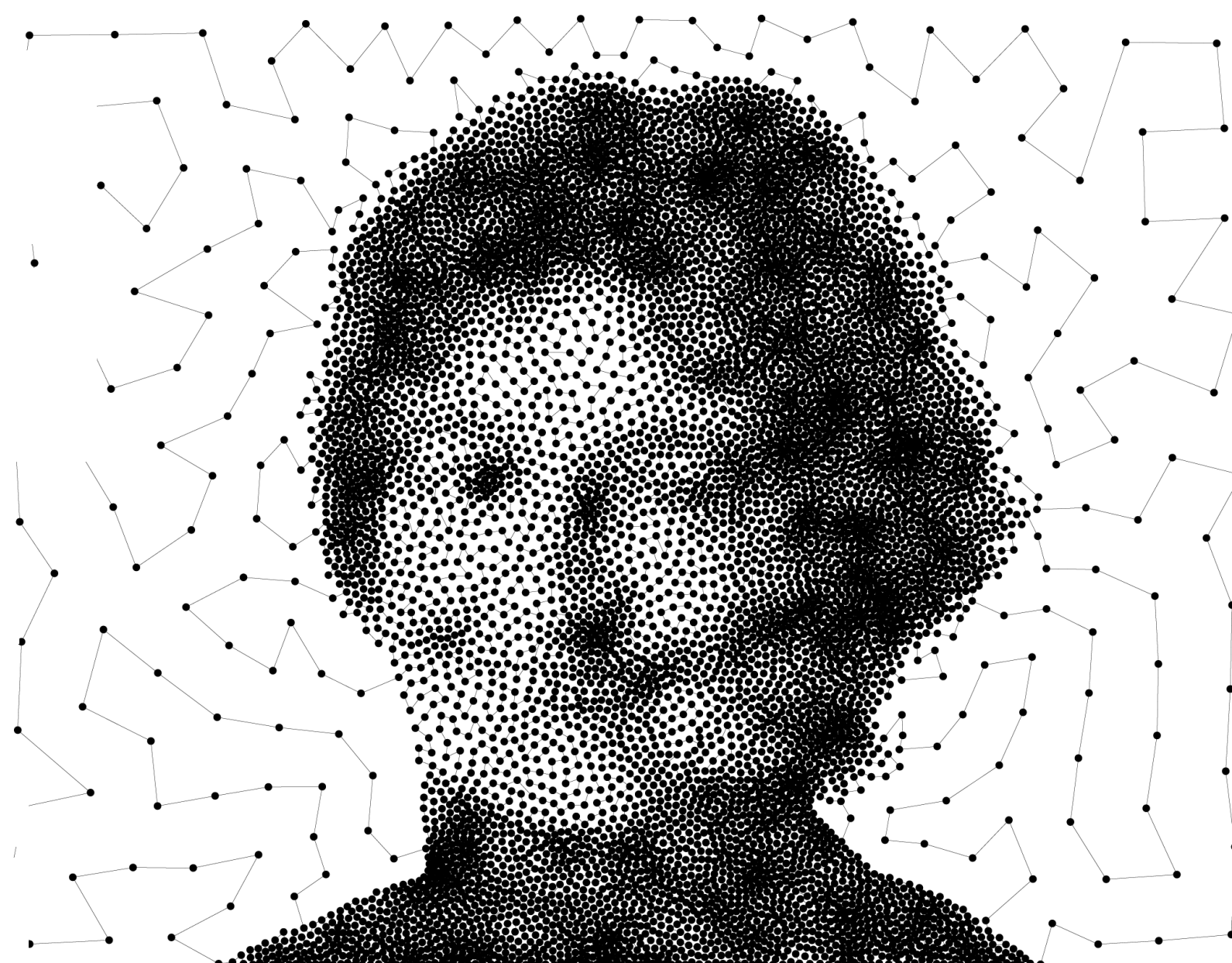
www.maki.tu-darmstadt.de

Ruzena Bajcsy is a role model for female scientists: her love of engineering and her zeal to thrive in a field that to this day is underrepresented by women is exemplary. Celebrating Ruzena Bajcsy, the SFB MAKI brings leading female scientists to TU Darmstadt.

Gerti Kappel

TU Wien, Austria

June 18, 2015
S3-20/018 17:30h



Gerti Kappel is a full professor at the Institute of Software Technology and Interactive Systems at TU Wien, chairing the Business Informatics Group. Until 2001, she was a full professor of computer science and head of the Department of Information Systems at the Johannes Kepler University of Linz. From 2004 to 2007, she acted as dean of studies for Business Informatics.

She is head ("Sprecher") of the Doctoral College "Adaptive Distributed Systems", and a faculty member in the Doctoral College "Cyber-Physical Production Systems", both funded by TU Wien. Since 2014, she is also a board member of the Austrian Science Fund (FWF). Her current research interests include Model Engineering, Web Engineering, and Process Engineering.

From Software Modeling to System Modeling - Transforming the Change

Model-driven software engineering has gained momentum in academia as well as in industry for improving the development of evolving software by providing appropriate abstraction mechanisms in terms of software models and transformations thereof. With the rise of cyber-physical systems in general, and cyber-physical production systems in particular, the interplay among several engineering disciplines, such as software engineering, mechanical engineering and electrical engineering, becomes a must. Thus, a shift from pure software models to system models has to take place in order to develop the full potential of model-driven engineering for the whole production domain. System Models are also essential to raise the level of flexibility of production systems even further in order to better react to changing requirements, since systems are no longer designed to be, but they have to be designed to evolve. In this talk, we will present ongoing work of applying and further developing model-driven techniques, such as consistency management and co-evolution support, for the production domain.

Agenda

15:30 Come together

16:00 Celebration MAKI Female Student Travel Award 2015

16:30 Celebration „Ausgezeichneter Ort im Land der Ideen“ of SFB MAKI

Welcome

Prof. Dr. Hans Jürgen Prömel, President TU Darmstadt

Dr. Christine Petry, Programme Director Research Centres DFG

17:30 Ruzena Bajcsy Lectures in Communications
From Software Modeling to System Modeling - Transforming the Change
Prof. Dr. Gerti Kappel, TU Wien

18:15 Closing Remarks, Prof. Dr.-Ing. Ralf Steinmetz, Chairman of MAKI

Deutschland
Land der Ideen



Ausgezeichneter Ort 2015

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