Invitasjon

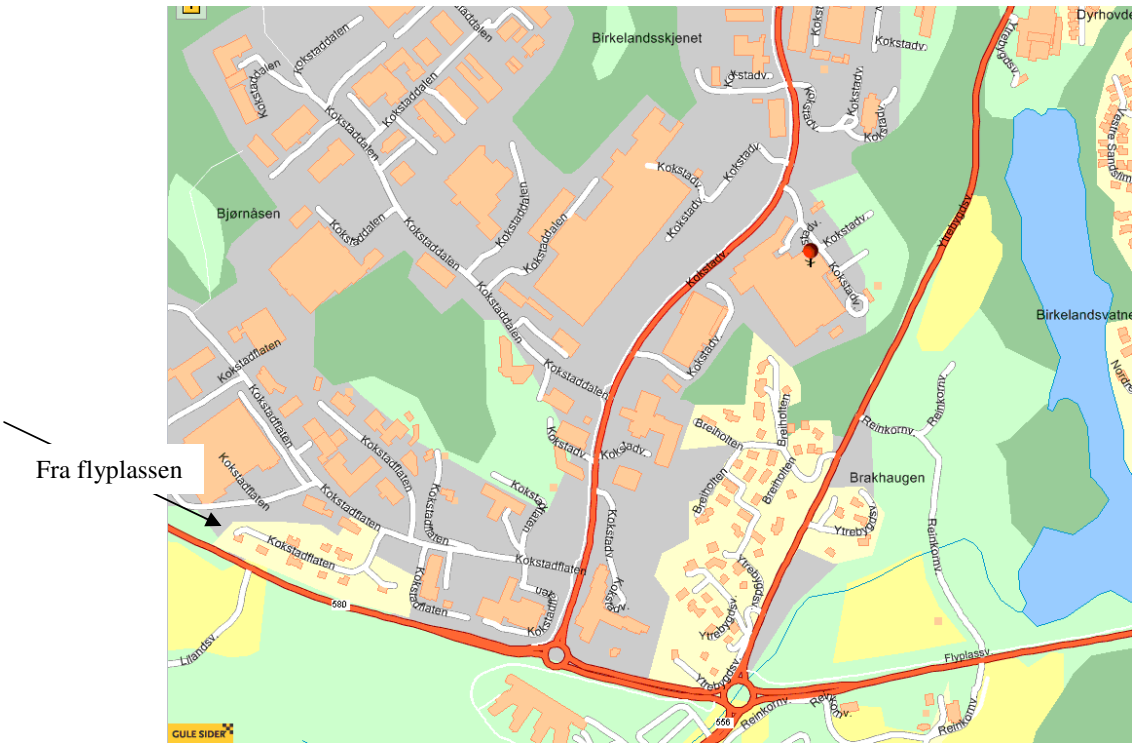
Norsk MTT/AP avdeling har gleden av å invitere deg til å delta på et heldags-seminar den 7. mai hos Nera i Bergen. Fokus denne gang blir på modellering / simulering av aktive element. Vi har vært heldig å få Dr David Root til å gi oss en heldags innføring / oppdatering under overskriften

Advances in characterization, behavioral modeling, and simulation of nonlinear RF and microwave devices and circuits – 7. May 2010

10:00 – 10:10 Introduction
10:10 - 11:45 Topic 1: Nonlinear Analog Behavioral Modeling of Microwave Devices and Circuits
11:45 - 12:45 Lunch
12:45 - 14:15 Topic 2: X-parameters: A new paradigm for Interoperable Measurement, Modeling and Design of Nonlinear Microwave and RF Components
14:15 - 14:30 Coffee break
14:30 - 15:15 Physical, empirical and table based (f. ex. Root) models Theory and accuracy in models, based on a compromise between complexity and characterizing simplicity
15:15 - 16:00 Discussion
16:00 - Closure with "Pizza and Beer"

Dr. David E. Root received B.S. degrees in physics and mathematics, and, in 1986, the Ph.D. degree in physics, all from MIT. He joined the Hewlett-Packard Company (now Agilent Technologies, Inc.), in 1985, where he has held both technical and management positions. He is presently Principal Research Scientist at Agilent's High Frequency Technology Center in Santa Rosa. His current responsibilities include nonlinear behavioral and device modeling, large-signal simulation, and nonlinear measurements for new technical capabilities and business opportunities for Agilent. Dr. Root became a Fellow of the IEEE in 2002. He is Vice-Chair of the IEEE MTT-S Committee on CAD (MTT-1) and a member of the Technical Program Committee of the International Microwave Symposium. He co-edited the recent book Fundamentals of Nonlinear Behavioral Modeling for RF and Microwave Design, Artech House, 2005. He was named 2006-2008 IEEE MTT-S "Distinguished Microwave Lecturer." Recently, David was named the recipient of the 2007 IEEE ARFTG Technology Award for contributions to nonlinear RF and microwave device measurement and behavioral modeling.

Reisebeskrivelse



Møtested: Nera Networks, Kokstadvn 23, 5020 Bergen
Ta Flyplassveien fra flyplassen til Kokstad (ca. 2km). Ta Kokstadveien til Nera Networks.

Vi ber dere om å melde dere på innen 12. april ved å sende mail til Yngve Thodesen ythod@ieee.org

Vennlig hilsen 2010 styret.

Chair:	Yngve Thodesen	Nera, Bergen ythod@ieee.org , 55 22 55 02
Vice-chair:	Marius Ubostad	NTNU, Trondheim ubostad@iet.ntnu.no , 73 59 44 00
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