As the five events before, the edaForum07 brings together decision makers from industry and top-rated speakers from all over the world. It is organized by the edacentrum as part of its mission to overcome the design gap by collaborative actions of system and semiconductor companies, EDA vendors and research institutes.

Join edaForum07, December 6–7 in Munich!

The edacentrum cordially invites you to the sixth edaForum offering lots of opportunities in a relaxed atmosphere!

Currently we are witnessing the transition of microelectronics to the new world of nanoelectronics. This transition together with all its new options, such as "More Moore", "More than Moore" and "Beyond Moore" means completely new challenges concerning the design of future electronic systems. edaForum07 will demonstrate that EDA is a decisive factor to convert these new challenges to fabrication data by which the fabs can be fed in order to turn silicon-wafers into valuable chips.

„More Moore" focuses on further scaling leading to higher speed and less power consumption enabling cheaper products. EDA has to master the exponentially increasing complexity and is faced not only with the increasing hardware design gap, but with an even larger software design gap. Therefore, edaForum discusses this year "how hardware and software can team up in a better way?" "More than Moore" allows functional diversification and means that new devices like RF, sensors, and actuators in even new technologies have to be developed and integrated, which do not necessarily follow the scaling of Moore's Law. Experts will share their view on the question "mixed signal integration: all done?"

edaForum taking place for the sixth time will stick to its successful and unique concept of combining technical and business-oriented topics. The combination of both fields is the special attribute that makes the edaForum so unique. It will be decisive for further developments in the field of nanoelectronics, if we are successful in gaining a foothold in new markets like health and medical applications. We therefore have invited experts to show how „microelectronics meets medicine." Last but not least our invited speakers will discuss with you the semiconductor industry consolidation. Many IDMs have been forced to remodel their businesses in order to become "fablite" or even fabless. We are curious about their and your answers to our question "how many will survive?"

Join us and seize the opportunity to discuss your questions with our invited experts concerning the challenges and possibilities of EDA. The edacentrum cordially invites you to this year's edaForum and I am really looking forward to welcoming you all in Munich.

I hope to see you all there!

Hermann Eul
Member of the Management Board, Executive Vice President, Head of Communication Business Group, Infineon Technologies AG

"Beyond IC Design – Challenges for the Next Generation of EDA Software"

Internet and Mobile Communication represent the revolution in communication technology in the past two decades. Only 17 years after release of the GSM standard more than 2.5 billion mobile phone users worldwide are registered in 2006. Market observers expect a sales volume of more than 1 billion handset devices in 2007. In the future the major growth potential in the mobile phone market is expected in the feature-rich segment of EDGE and WCDMA phones as well as in the low- and ultra-low cost market segments.

For the semiconductor industry and device manufacturers exponentially growing system complexity with even shorter time-to-market windows is the key challenge

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