



“*docendo discimus*”



2nd Summer School of Advanced Microsystems Technologies for Sensor Applications

(Southern Hemisphere: Winter School)

Universidade Federal do Rio Grande do Sul (UFRGS)
July 17th – 31st, 2011, Porto Alegre, Brazil

Lecturers and Courses:



Prof. Dr.-Ing. Ulrich Hilleringmann
University of Paderborn, Germany

⇒ *Semiconductor Technology*



Prof. Dr. rer. nat. Reinhart Job
University of Hagen, Germany

⇒ *Sensor Technology*



Prof. Dr.-Ing. Peter Glösekötter
University of Applied Sciences, Münster,
Germany

⇒ *Analog and Digital Circuits*

The summer school comprehends three lectures of interrelated lessons, i. e. *Semiconductor Technology*, *Sensor Technology*, and *Analog and Digital Circuits*, which jointly present a detailed and actual overview on the addressed subject, i. e. *Advanced Microsystems Technologies for Sensor Technologies*. The lectures also give an outlook on nano-electronics and nano-sensor applications. The educational focus is aimed at students (preferable in the 7th semester) and/or PhD students in *Electrical Engineering*, *Physics*, *Information Technology*, *Computer Science*, or *Applied Materials Research*. The summer school is adjusted to the regular lectures presented at the UFRGS; and the participating students have to expose themselves to written examinations in each of the three lectures. Each of the lectures covers 15 lessons at 90 minutes.

Students being interested to join our summer school in Porto Alegre are obliged to submit an application to the local organizer at the UFRGS in Porto Alegre.

Submission Deadline: April 30th, 2011

The number of participants is restricted to 30 students; the organizers will make a selection from incoming applications. The students selected as participants will be informed by end of May 2011.

Local Organization and further Information:



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