

“docendo discimus”

3RD SUMMER SCHOOL OF

ADVANCED MICROSYSTEMS TECHNOLOGIES FOR SENSOR APPLICATIONS

(SOUTHERN HEMISPHERE: WINTER SCHOOL)

Universidade Federal do Rio Grande do Norte (UFRN)

July 17th – August 2nd, 2013, Natal, Brazil

Lecturers and Courses:



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

⇒ *Nano- and Micro-Processing*



Prof. Dr. rer. nat. Reinhart Job
Muenster University of Applied Sciences,
Muenster, Germany.

⇒ *Sensor Technology*



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

⇒ *Analogue and Digital Circuit Design*



Prof. Dr.-Ing. Gilson I. Wirth
Universidade Federal do Rio Grande do Sul,
Porto Alegre, Brazil.

⇒ *MOS Device Characterization*

The summer school comprehends three lectures of interrelated lessons, i.e. *Nano- and Micro Processing, Sensor Technology, and Analog and Digital Circuit Design*, 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. Four additional lectures focus on *MOS Device Characterization*.

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 UFRN; 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 Natal are obliged to submit an application to the local organizer at the UFRN in Natal.

Submission Deadline: April 30th, 2013.

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 2013.

Local Organization and further Information:



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