

Doctoral Programme in Advanced Integrated Microsystems – AIM



Workshop AIM-4

Complexo Interdisciplinar, Anfiteatro Abreu Faro, 6-7 July 2017

Thursday, July 6, 2017

Scientific workshop – Industrial applications, industrial research and research with industry

10h00

Paulo Freitas, INL e INESC MN/IST, Portugal, “Magnetoresistive sensors: from the lab to the market (read heads, MRAM, sensors and biosensors)”

10h45

Jenna Bowen, Cotton Mouton Diagnostics and University of Cardiff, UK, “Magneto-optical sensing - A start-up story”

11h30-12h *Coffee break*

12h-12h45

Wolfgang Raberg, Infineon, Germany “R&D of magnetic sensor technologies at Infineon”

12h45-14h30 *Lunch break*

14h30-15h15

António Barny, Nanium, Portugal, “More than Moore”

15h15-16h

Sofia Corte-Real, Technophage, Portugal, (tba)

16h-16h30 *Coffee break*

16h30-17h15

Jacques Gierak, C2N/CNRS, France, “FIB nanowriter developments: Challenging the paradigm, progress, and perspectives”

17h15-18h

James Yates, ITQB NOVA and Nanopore Solutions, Portugal, “Nanopore Solutions: An unconventional path”

Friday, July 7, 2017

Data analysis workshop I

14h30-17h00

Suzana Ferreira-Dias

Instituto Superior de Agronomia

LEAF (Linking Landscape, Environment, Agriculture and Food)

Universidade de Lisboa

Delineamento experimental (e.g. metodologia da superfície de respostas para modelar e otimizar reacções, processos, etc.) e de análise de dados multivariados (e.g. Análise em Componentes Principais, Cluster Analysis e Análise Discriminante)

