



Short Course Program

One day Short Course Wednesday September 26, 2012 :

"Innovative Paths for Future Applications in Information Heterogeneous Technologies"

MINATEC, House of Micro and Nano Technologies, Room #221

8:30-8:40 Welcome and introduction S.Deleonibus , G Ghibaudo

Morning session : Chair S.Deleonibus

8:40-10:10 "Scaling and Beyond for Logic and Memories. Which perspectives?"
Hiroshi Iwai and Barbara de Salvo(*), Tokyo Institute of Technology,
Yokohama, Japan; (*) (CEA-LETI)

10:10-10:25 Coffee/Drinks Break

10:25-11:55 "Photonics and Interconnect"

Laurent Vivien, Institut d'Electronique Fondamentale, Université Paris-Sud,
Orsay , France

11:55-13:30 Lunch Break , Room #221 veranda MINATEC

Afternoon session: Chair G.Ghibaudo

13:30-15:00 "Nanobiotechnology for Energy"
Donald Martin, UJF, Grenoble, France

15:00-15:15 Coffee/Drinks Break

15:15-16:45 "Spintronics"

Bernard Dieny, Spintec, Grenoble, France,

16:45-16:50 **Closing remarks**