



Discussion Forum:

MSc in Advanced Microelectronic Systems Engineering (AMSE)

Centre of Excellence in Microelectronics (CEM)

University of Bristol, 13<sup>th</sup> December 2007

Minutes

Present:

*From industry:* Imran Ahmed (Toshiba), Neil Burgess (Icera), Nick Cowley (Intel), Paul Denny (Phyworks), Costas Efthymiou (Toshiba), Graham Kirsch (Micron), Andy Lunness (STMicroelectronics), Geoff Macfarland (Renishaw), Tony Stansfield (Panasonic), Julie Stockwin (NMI), Nick Weiner (Xintronix)

*From UoB:* Mike Barton (EE), Mark Beach (EE), Kerstin Eder (CS), Simon Hollis (CS), Taskin Kocak (EE), Walterio Mayol-Cuevas (CS), Jose Nunez-Yanez (EE), Dhiraj Pradhan (CS), Nigel Smart (CS), Paul Warr (EE)

Agenda: The PowerPoint presentation at Annex 1 was presented by Mark Beach and colleagues. Discussion points that arose are noted below:

Item 3: Standalone units - The idea of offering certain of the AMSE units on a standalone basis was to be explored further, provided the level of demand was sufficient for cost-effectiveness. Julie Stockwin said that NMI could publicise units outside the local area. Where practicable, units could be delivered away from UoB.

**ACTION: UoB to provide list of AMSE units online, linked from these minutes.**

Item 4: Industrial projects – Projects for AMSE students would be allocated in January, and ideas for industrially inspired projects (possibly involving time spent at the company's site) would be welcomed by Walterio Mayol-Cuevas in early January.

**ACTION: Industry and academic staff to provide project ideas to Walterio ([Walterio.Mayol-Cuevas@bristol.ac.uk](mailto:Walterio.Mayol-Cuevas@bristol.ac.uk)).** (Post-forum note: After the forum, a meeting was held with the current AMSE students. Outline project ideas were presented from companies Icera, Xintronix, Toshiba, Phyworks, Micron, Renishaw, Clearspeed; and by academic staff Kerstin Eder, Paul Warr, Dhiraj Pradhan, Simon Hollis, Taskin Kocak and Jose Nunez-Yanez.)

Item 5: It was noted that the message re. a thriving local microelectronics industry needs to be spread to school students to encourage them into degrees such as Computer Systems Engineering (CSE). There was a suggestion that we might open up some AMSE units as options for the CSE programme. (Post-forum note: Julie Stockwin says that NMI is willing to raise awareness of sponsorship possibilities and job opportunities, and she will liaise with IET as part of this process. She has confirmed that she sees no conflict between the CEM and SWERDA's Silicon Centre of Excellence.)

Item 8: (Post-forum note: Next meeting confirmed for 3pm on Thursday 24<sup>th</sup> January – for industrial members who have pledged support for the CEM.)