IFIP - SIG on Education in Resilient Computing

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Scope of the SIG

To have an open worldwide forum in which the different educational approaches to teaching Resilient Computing are presented, compared and discussed to reach an agreed approach to this issue.

In addition it is very valuable to collect together in a open and public database all available support material (as lecture's slides, textbooks, relevant literature, links to useful sites, etc.) that covers the different facets of multi-disciplinarity.

A first attempt to offer to our community a proposal for an MSc curriculum in Resilient Computing and gather extended support material has been done very recently in the European Network of Excellence ReSIST – Resilience for Survivability in IST http://www.resist-noe.org/ – run from January 2006 to March 2009.

All information on the proposed MSc curriculum and related courseware is on-line at http://resist.isti.cnr.it/home.php and can be used as a first step in the proposed SIG.

Aims of the SIG

The primary aims of the proposed SIG are:

- To acquire knowledge on how Resilient Computing is taught today in different worldwide higher educations institutions;
- •To compare the experiences so to provide an incremental process towards the structuring of an educational track in Resilient Computing;
- •To promote the outcomes of the SIG to update or change or start proper tracks in Resilient Computing in higher educations institutions;
- •To interact with international bodies working on educational issues, IFIP TC 3, ACM, etc., to present the outcomes of the SIG;
- •To collect and make accessible, through the web, support material useful to cover the several disciplines relevant to Resilient Computing;
- •To build and maintain a comprehensive database of material, available to the community of students, scientists, industrial designers and regulatory bodies.

















