Session 9B — Special Session: Doctoral Thesis Award

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Presenter: Yiorgos Makris, Yale University

The aim of the TTTC Doctoral Thesis Award is to promote and strengthen the interaction between doctoral students who are about to graduate and the industrial community. It also serves as a process that allows their work to be exposed to and tested under real life industrial needs by experts in the field. This is achieved with student presentations in a dedicated VTS session in front of an industrial panel that evaluates, comments and contributes to their work in terms of novelty and advance of industrial practice and this of theoretical methodology.

Doctoral students who are expected to graduate in 2006 are invited to submit a one page abstract of their thesis (maximum 700 words). No affiliation is included in this abstract because it undergoes blind review. Since the purpose of this contest is for the student to gain exposure and feedback from the industry, the abstract should clearly address the following three issues: i) problem definition and its relevance to industry, ii) description of existing industrial practices for solving the problem, and iii) a thorough description of the proposed methodology (with a case study, when available) and how it advances theory/practice in the particular field.

The abstracts will be reviewed by a panel of industrial and academic specialists for the three issues outlined above. Eight of these abstracts will be selected for the final round that includes a five minute slot for oral presentation and five minute Q&A/feedback slot, during a dedicated session at the IEEE VLSI Test Symposium (VTS'06), Berkeley, CA on April 30-May 4. The winner price includes an honorarium and an invited publication of the presented work in IEEE Design & Test.

This event is organized by the TTTC Students Activities Committee.