Special Session 9C: TTTC 2008 Best Doctoral Thesis Contest

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This session is the final round of the TTTC 2008 Best Doctoral Thesis Contest. This contest is organized by the TTTC Student Activities Committee for the fourth consecutive year and aims to promote and strengthen the interaction between graduate students and the industrial community, as well as to serve as a process by which student work is exposed to and tested under real-life industrial needs. This is achieved by offering students the chance to present their work in a conference environment to academic and industrial test experts, who will evaluate and comment in terms of novelty and advancement of industrial practice.

In the preliminary round of this contest, doctoral students who are expected to graduate in 2008 were invited to submit a one page abstract of their thesis, where they defined the problem and its relevance to industry, described existing industrial practices for solving the problem and explained the proposed methodology and how it advances the theory and/or practice in the particular field. The abstracts were reviewed by a panel of industrial and academic experts and a set of finalists were selected for the final round of the contest.

In this final round, during a dedicated session at the IEEE VLSI Test Symposium (VTS’08), each contestant is given a ten minute slot in front of a panel of experts, split equally between oral presentation and Q&A period. The panel of experts will judge the presented doctoral theses with regards to theoretical advancement, industrial relevance and presentation, and the winner of the contest will receive the 2008 TTTC Doctoral Thesis Award during the social event of the Symposium, to which all finalists are invited. The award consists of a certificate, an honorarium and an invitation to submit a paper on the presented work to the IEEE Design & Test magazine.