



Dear Colleague,

A Poster Session will be held in conjunction with the Third IEEE International Green Computing Conference www.green-conf.org. PhD students are invited to submit proposals for their work as posters with permission of their advisors. They should submit abstracts with no more than 400 words and a signed letter from their advisor stating that he/she supports the submission.

Topics of interest are:

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- * Power-aware software
- * Code profiling and transformation for power management
- * Power-aware middleware
- * Power-efficient architectures and chip designs
- * Resource management to optimize performance and power
- * Runtime systems that assist in power saving
- * Models for collective optimization of power and performance
- * Monitoring tools for power and performance
- * Algorithms for reduced power, energy and heat
- * Power-aware applications
- * Static and dynamic data allocation for distributed servers
- * Efficient circuit design for energy harvesting
- * Power efficient cluster and enterprise computing
- * Power management at component level, including memory, disk.
- * Configurable and renewable energy
- * Low power electronics
- * Embedded systems, ASICs and FPGAs
- * Power leakage and dissipation
- * Power implications for portable and mobile computing
- * Power aware networking
- * Reliability of Power-aware computers
- * Use of sensors for climate monitoring
- * Smart control for eco-friendly buildings
- * Thermal control of data centers
- * Energy recycling
- * Energy efficient power and cooling infrastructure

Best Poster Awards

Awards will be given for best posters in different categories.

Review of Abstracts:

All submitted abstracts would be reviewed and evaluated on correctness, originality, technical strength, significance, interest and relevance to the conference scope. Abstracts must be received by March 25, 2012, by 11:59pm, U.S. Eastern Daylight Time.

Important Dates:

Poster Due: Sunday, March 25, 2012

Acceptance notification: Sunday April 22, 2012
Camera ready Abstracts due: Sunday May 06, 2012

The final appearance of the accepted abstracts in the conference proceedings (through IEEE Digital Library) is contingent on two conditions: (1) at least one author of an accepted poster registers for the conference at the time of the submission of the final abstract and (2) one of the authors presents the poster at the conference in person. Full details of the conference may be found at the conference website: www.Green-Conf.org . To directly access submission please go to <https://www.easychair.org/account/signin.cgi?conf=igcc12ws>, login and select “Ph.D. Forum” option. If you do not have an account

Organizer: Saeed Rajput, Nova Southeastern University.

Like its predecessors, 3rd IGCC conference is also expected to be technically sponsored by IEEE computing Society.

Sincerely,

IGCC'12-Ph.D. Forum Organizer

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