CRAW/CDC/NSF Discipline Specific Workshop on Diversity in Design Automation

Co-located with the IEEE/ACM Design Automation Conference

Moscone Center, San Francisco, CA

May 31 - June 1, 2014

Organizers

Sanjukta Bhanja - Univ. of South Florida, Tampa, FL

Irene Calizo - Florida International Univ., Miami, FL

Ian Harris - Univ. of California, Irvine, CA

Valencia Joyner Koomson - Tufts Univ., Medford, MA

Soha Hassoun - Tufts Univ., Medford, MA

Sponsors:

Visit here for additional event details

Saturday May 31 (Room 301)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:45</td>
<td>Registration</td>
</tr>
<tr>
<td>1:00</td>
<td>Opening Keynote</td>
</tr>
<tr>
<td>1:00 – 2:00</td>
<td>From Analog Testing to Digital Reliability and Perspectives on Career Decisions Linda S Milor, Georgia Tech</td>
</tr>
<tr>
<td>2:00 – 3:00</td>
<td>Student Posters with coffee</td>
</tr>
<tr>
<td>2:00</td>
<td>Student Posters with coffee Chair: Ayse Coskun, Boston University</td>
</tr>
<tr>
<td>3:00</td>
<td>Unleashing the Potential of Multi-level Cells in STT-RAM Caches Helen Li, University of Pittsburgh</td>
</tr>
<tr>
<td>4:00</td>
<td>Evening Keynote</td>
</tr>
<tr>
<td>4:00 – 5:00</td>
<td>Sustainability in Computing and Beyond Diana Marculescu, Carnegie Mellon University</td>
</tr>
<tr>
<td>5:00</td>
<td>Dinner Banquet</td>
</tr>
</tbody>
</table>
CRAW/CDC/NSF Discipline Specific Workshop on Diversity in Design Automation

Co-located with the IEEE/ACM Design Automation Conference

Moscone Center, San Francisco, CA

May 31 - June 1, 2014

Organizers
Sanjukta Bhanja - Univ. of South Florida, Tampa, FL
Irene Calizo – Florida International Univ., Miami, FL
Ian Harris - Univ. of California, Irvine, CA
Valencia Joyner Koomson - Tufts Univ., Medford, MA
Soha Hassoun - Tufts Univ., Medford, MA

Sunday June 1 (Room 301)

7:30-8:30 Breakfast

8:30-9:30 Morning Keynote
Low-dimensional Nanomaterials: Towards Their Applications in Devices For Energy, Sensors and Nanoelectronics
Anupama B. Kaul, Jet Propulsion Labs (NASA), California Institute of Technology and The National Science Foundation

9:30-10:15 Work-Life Balance
Laleh Behjat, University of Calgary

10:15-10:30 Coffee Break

10:30 – 12:00 Technical Session
• Cellular Automata for Field-Coupled Nanocomputing
  Sanjukta Bhanja, Univ. of South Florida
• Verification and Validation of Embedded Systems
  Shobha Vasudevan, University of Illinois, Urbana Champaign

12:00 – 1:00 Lunch

Sponsors:

Technical Sponsors
IEEE CEDA
ACM SIGDA
**CRAW/CDC/NSF Discipline Specific Workshop on Diversity in Design Automation**

Co-located with the IEEE/ACM Design Automation Conference

Moscone Center, San Francisco, CA

May 31 - June 1, 2014

**Organizers**

Sanjukta Bhanja - Univ. of South Florida, Tampa, FL

Irene Calizo - Florida International Univ., Miami, FL

Ian Harris - Univ. of California, Irvine, CA

Valencia Joyner Koomson - Tufts Univ., Medford, MA

Soha Hassoun - Tufts Univ., Medford, MA

**Sunday June 1 (Room 301)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 1:00-2:00| Panel: Addressing Challenges in Fostering Diversity in Design Automation  
            Moderator: Ian Harris, Univ. of California, Irvine  
            Panelists: Mary Jane Irwin, Penn State Univ.  
            Daniel Limbrick, North Carolina A&T State Univ.  
            Javier Pulecio, Brookhaven National Laboratory  
            Christopher B. Harris, Univ. of California, Irvine  
            Natalie Janosik, Univ. of Pittsburgh  
            Valerie Rachko, Mentor Graphics Corporation |
| 2:00-2:15| Coffee Break                                                           |
| 2:15-3:30| Speed Mentoring  
            Workshop and Industry Participants from Women in Electronic Design (WED) group |
| 3:30-4:30| Concluding Keynote  
            Looking Back and Projecting Forward  
            Mary Jane Irwin, Penn State University |
| 4:30-4:35| Concluding Remarks                                                     |

Visit here for additional event details.

**Technical Sponsors**

IEEE CEDA

ACM SIGDA