Welcome to SSoCC 2013!
12th Swedish System-on-Chip Conference
Ystad Saltsjöbad, May 6-7, 2013

Ted Johansson, IEEE Senior Member
Chair IEEE SSCS/CASS joint chapter, Sweden
SSoCC13 at a glance

Theme: Circuits for an Energy-Aware Society

Invited speeches:
- Ivan Jörgensen, Danmarks Tekniske Universitet, "The Modern Hearing Aid – an Extreme System Integration Challenge"
- Fredrik Tillman, Ericsson AB, "Heterogeneous Networks from a Radio Perspective"
- Ola Hugosson, ARM Sweden, "Power efficient visual computing"
- Andreas Burg, Institute of Electrical Engineering at EPFL, "Challenges and Solutions for the Design of Embedded Memory"

Four paper sessions, with three parallel tracks and mainly four presentations each.
Two best student paper awards, Analog and Digital.

Lunch 12.30, Dinner 19.00, Lunch 12.30, Conference Closing 15.30
# Some SSocCC history

<table>
<thead>
<tr>
<th>Year</th>
<th>Date</th>
<th>Location</th>
<th>Sponsor</th>
<th>Participants</th>
<th>Papers</th>
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<tr>
<td>2001</td>
<td>March 20-21</td>
<td>Rusthållargården in Arild</td>
<td>Ministry of Industry and KK-foundation</td>
<td>70</td>
<td>20</td>
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<td>2002</td>
<td>March 18-19</td>
<td>Hotel Strandbaden in Falkenberg</td>
<td>Ministry of Industry and KK-foundation</td>
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<td>37</td>
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<td>2003</td>
<td>April 08-09</td>
<td>Sundbyholm Castle in Eskilstuna</td>
<td>Ministry of Industry and KK-foundation</td>
<td>94</td>
<td>57</td>
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<td>2004</td>
<td>April 13-14</td>
<td>Hotel Skansen in Båstad</td>
<td>Ministry of Industry and KK-foundation</td>
<td>116</td>
<td>75</td>
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<td>2005</td>
<td>April 18-19</td>
<td>Tammsvik outside Stockholm</td>
<td>Ministry of Industry and KK-foundation</td>
<td>110</td>
<td>60</td>
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<td>2006</td>
<td>May 04-05</td>
<td>Vildmarkshotellet in Kolmården</td>
<td>SSF and IEEE SSCS</td>
<td>84</td>
<td>41</td>
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<td>2007</td>
<td>May 14-15</td>
<td>Gullmarstrand Hotel in Fiskebäckskil</td>
<td>IEEE SSCS</td>
<td>56</td>
<td>37</td>
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<td>2008</td>
<td>May 05-06</td>
<td>Södertuna Slott in Gnesta</td>
<td>IEEE SSCS</td>
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<td>2009</td>
<td>May 04-05</td>
<td>Rusthållargården in Arild</td>
<td>SSF and IEEE SSCS</td>
<td>62</td>
<td>34</td>
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<td>2010</td>
<td>May 03-04</td>
<td>Vildmarkshotellet in Kolmården</td>
<td>IEEE SSCS</td>
<td>76</td>
<td>38</td>
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<td>2011</td>
<td>May 02-03</td>
<td>Varbergs Kurort in Varberg</td>
<td>IEEE SSCS</td>
<td>82</td>
<td>44</td>
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<td>2012</td>
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<tr>
<td>2013</td>
<td>May 06-07</td>
<td>Ystad Saltsjöbad in Ystad</td>
<td>IEEE SSCS</td>
<td>72</td>
<td>42</td>
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- Organized by SoCware at LU 2001-2005
- From 2006 organized by IEEE SSCS with local support from universities
- Non-reviewed, oral presentations only
- Good training ground for fresh PhD students
- Interesting invited presentations
- Networking and socializing
Organized by IEEE SSCS Sweden Chapter and LU

Board 2013

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Kjell Jeppson, CTH Secretary

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Svante Signell, KTH Treasurer

Ingemar Söderquist, SAAB Member of board

Liang Liu, LU Member of board

Jerzy Dabrowski, LiU Member of board

Pia Bruhn, LU
• Started 2003 by Lars Svensson
• Chapter size: around 100 members
• Since 2006 organizer of SSoCC
• Chairs:
  2003-2005 Lars Svensson, CTH
  2005-2006 Atila Alvandpour, LiU
  2006-2012 Svante Signell, KTH
  2012-         Ted Johansson, LiU

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Some IEEE news!

- Formation of Sweden joint chapter Solid-State Circuits and Circuits and Systems
  ~ 140 members
  Very good financial status
  AGM Nov. 2013

- Free 2013 student memberships IEEE+SSCS
1. The 4th paper in session 1C (data converters) will be Dai Zhang, Ameya Bhide, and Atila Alvandpour, “A 3-nW 9.1-ENOB SAR ADC at 0.7 V and 1 kS/s”.

Welcome and let's go!