SSoCC'14

Welcome to SSoCC 2014!

13th Swedish System-on-Chip Conference
Vadstena Klosterhotel, May 12-13, 2014

Ted Johansson (LiU)
Chair

Jerzy Dabrowski (LiU)
Board member

IEEE Sweden SSCS/CASS joint chapter

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SSoCC14 at a glance

Invited speaches:

- **Franz Dielacher**, Infineon Technologies, *IEEE Distinguished Lecturer*, "Circuit Design in SiGe-BiCMOS for Active Safety Systems”
- **Peter Andersson Ersman**, Acreo Swedish ICT, ”Integration of printed electronic components into versatile systems on flexible substrates”
- **Eric Klumperink**, University of Twente, *IEEE Distinguished Lecturer,* ”Interference Robust CMOS Radio Receiver Techniques”
- **Mikael Syväjärvi**, Linköping University, ”Entrepreneurial prospectives on graphene and novel materials for new electronics”

SSoCC14 at a glance

Four paper sessions, with two parallel tracks and mainly four presentations each.
Each presentation is 20 minutes (incl. questions)

Invited + Digital papers: "Konvent"

Analog/RF papers: "III" (restaurant/hotel reception + one stair up).

Best student paper awards, Digital and Analog.

Committee: Digital papers: Lars Svensson (CTH) and Liang Liu (LU)

Analog papers: Darius Jakonis (Acreo) and Mark Vesterbacka (LiU)

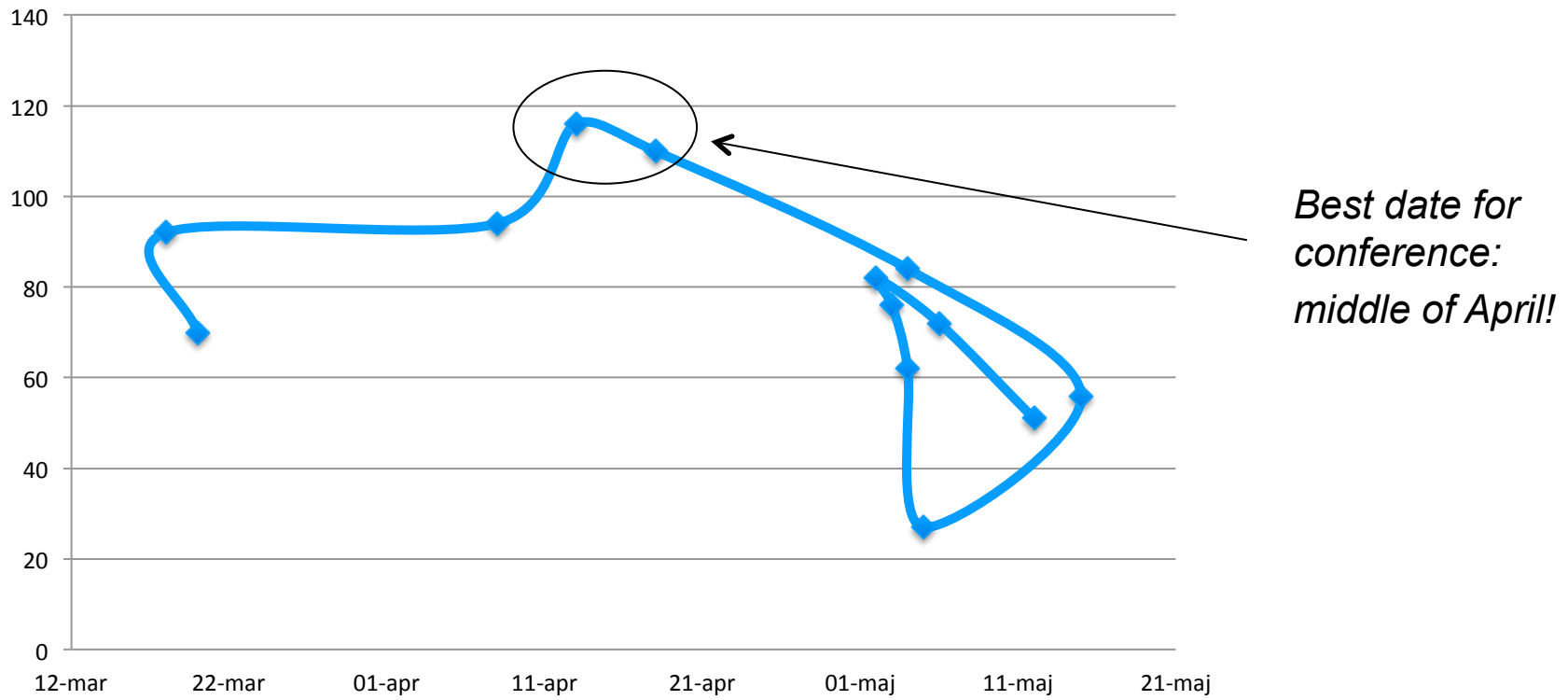
Lunch 12.00, Dinner 19.00, Lunch 12.30, Conference Closing 15.15

SSoCC history

- *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*

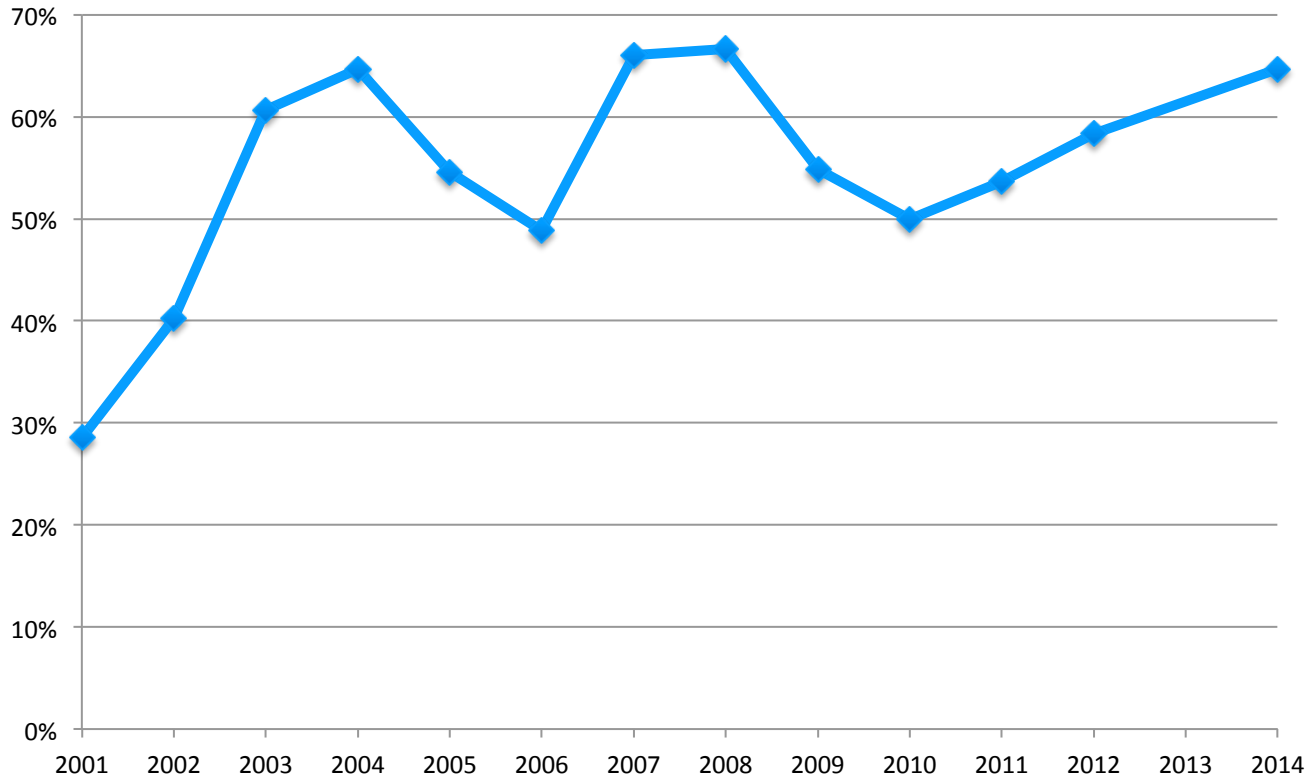
Year	Date	Location	Sponsor	Participants	Papers
2001	March 20-21	Rusthållargården in Arild	Ministry of Industry and KK-foundation	70	20
2002	March 18-19	Hotel Strandbaden in Falkenberg	Ministry of Industry and KK-foundation	92	37
2003	April 08-09	Sundbyholm Castle in Eskilstuna	Ministry of Industry and KK-foundation	94	57
2004	April 13-14	Hotel Skansen in Båstad	Ministry of Industry and KK-foundation	116	75
2005	April 18-19	Tammsvik outside Stockholm	Ministry of Industry and KK-foundation	110	60
2006	May 04-05	Vildmarkshotellet in Kolmården	SSF and IEEE SSCS	84	41
2007	May 14-15	Gullmarstrand Hotel in Fiskebäckskil	IEEE SSCS	56	37
2008	May 05-06	Södertuna Slott in Gnesta	IEEE SSCS	27	18
2009	May 04-05	Rusthållargården in Arild	SSF and IEEE SSCS	62	34
2010	May 03-04	Vildmarkshotellet in Kolmården	IEEE SSCS	76	38
2011	May 02-03	Varbergs Kurort	IEEE SSCS	82	44
2012	-				
2013	May 06-07	Ystad Saltsjöbad	IEEE SSCS/CASS	72	42
2014	May 12-13	Vadstena Klosterhotel	IEEE SSCS/CASS	51	33

SSoCC history



Number of participants vs. date of year

SSoCC history



Ratio presentations/participants

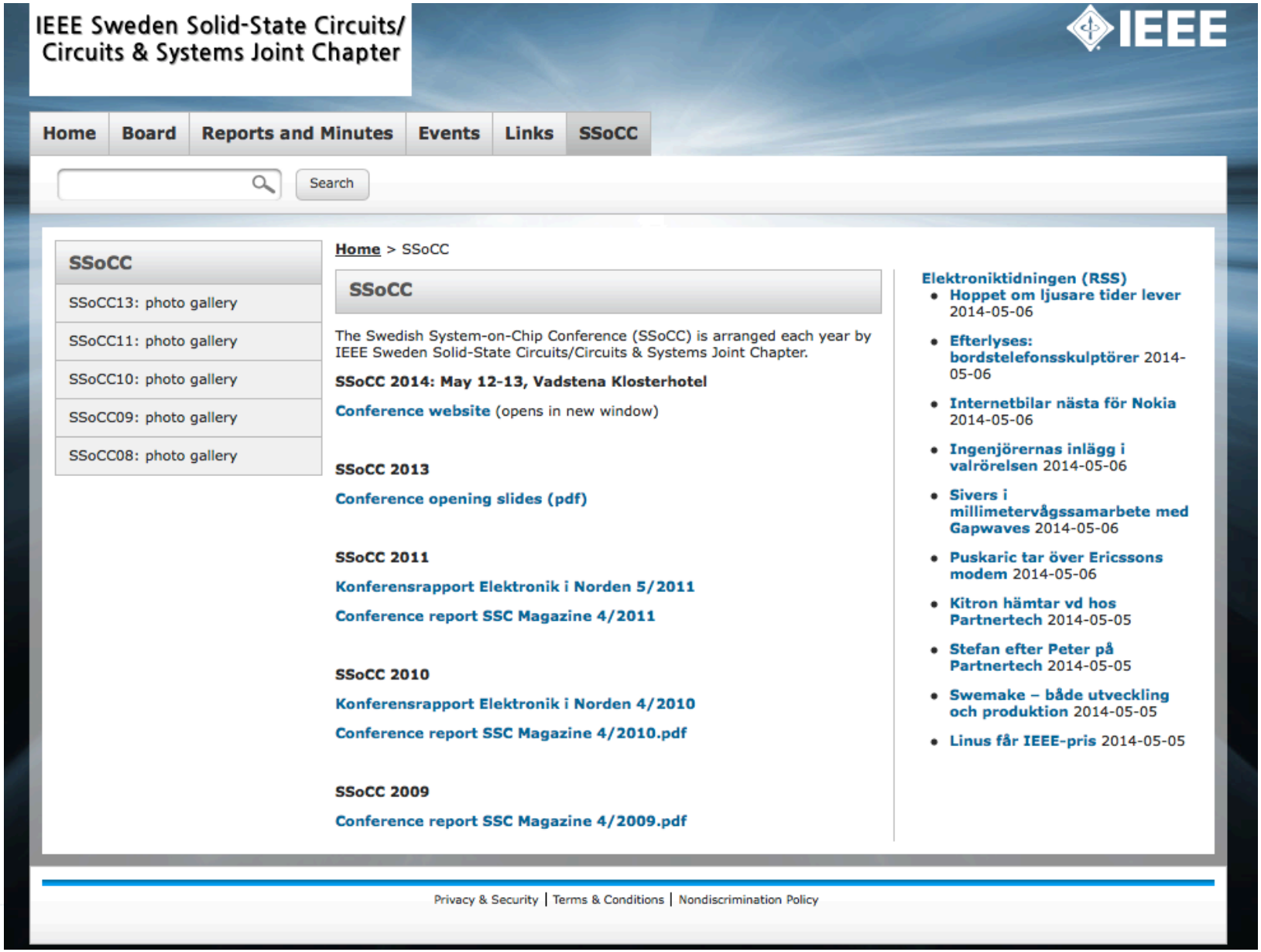
IEEE Sweden Solid-State Circuits/Circuits & Systems Joint Chapter

- 2003: SSCS started by Lars Svensson, CTH
- 2013: SSCS/CASS Joint Chapter
- Chapter size: 261 members
- Chairs:

2003-2005	Lars Svensson, CTH
2005-2006	Atila Alvandpour, LiU
2006-2012	Svante Signell, KTH
2012-	Ted Johansson, LiU

- Since 2006 organizer of SSoCC = main activity
- Home page: sites.ieee.org/sweden-ssccas/

The SSoCC web pages



Last minute change

The paper "Test Planning and Test Access Mechanism Design for 3D SICs" by Breeta SenGupta and Erik Larsson will be moved from session 3.2 paper 2 (Analog/RF, Tuesday 10.20) to session 1.1 paper 5 (Digital, Monday 14.20).

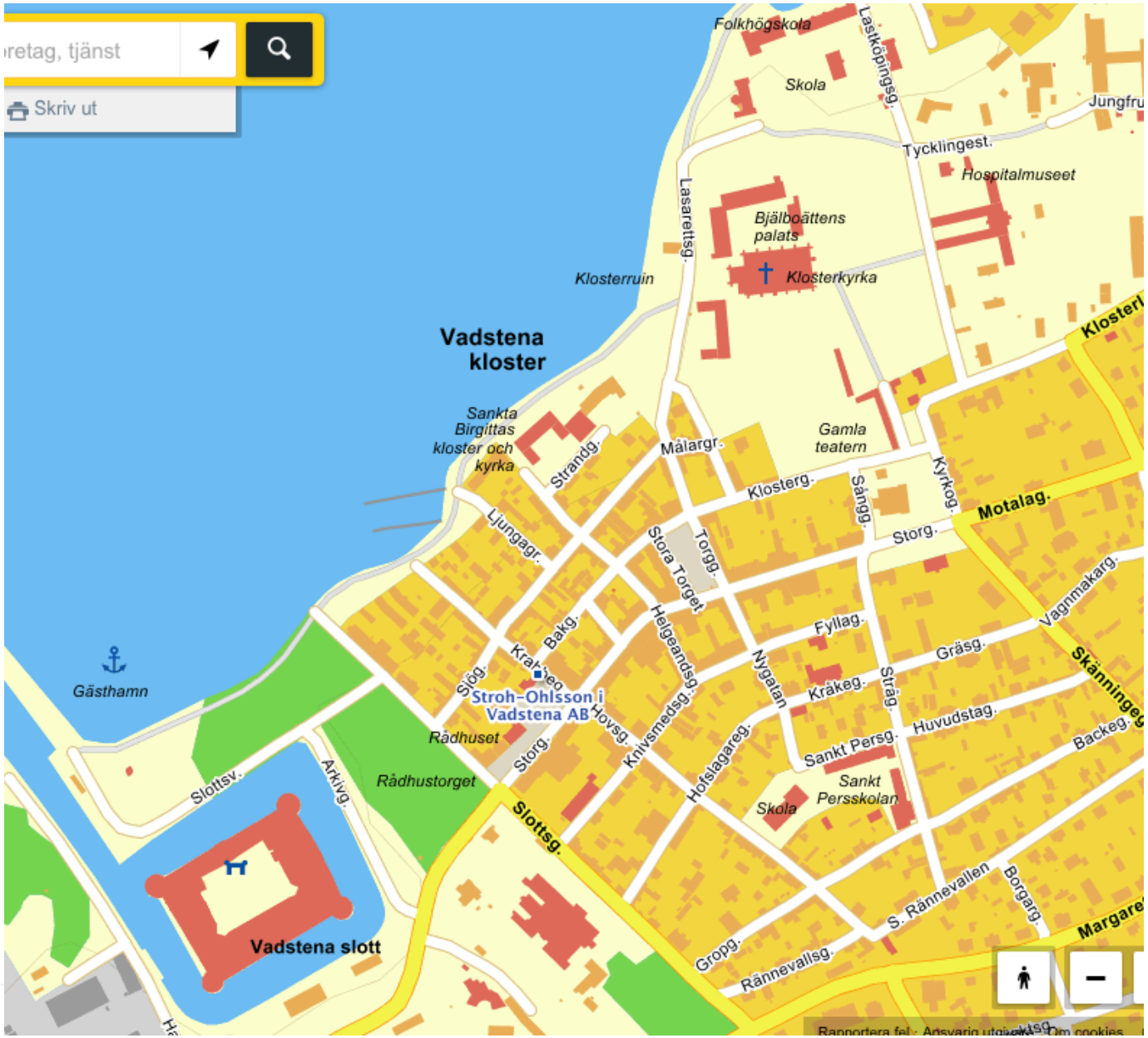
The session 3.2 paper 3 (Kazim and Wikner) and paper 4 (Alvbrant) will therefore be given 20 minutes earlier!

Switch of Chairmen:

Kjell Jeppson	session 1.2 -> session 2.2
Behzad Mesgarzadeh	session 2.2 -> session 1.2

Medival Vadstena historical city

Vadstena historical city



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