



Welcome to WCM-MSM2005

WCM-MSM2005

Nanotech2005

The fourth
Workshop on Compact Modeling

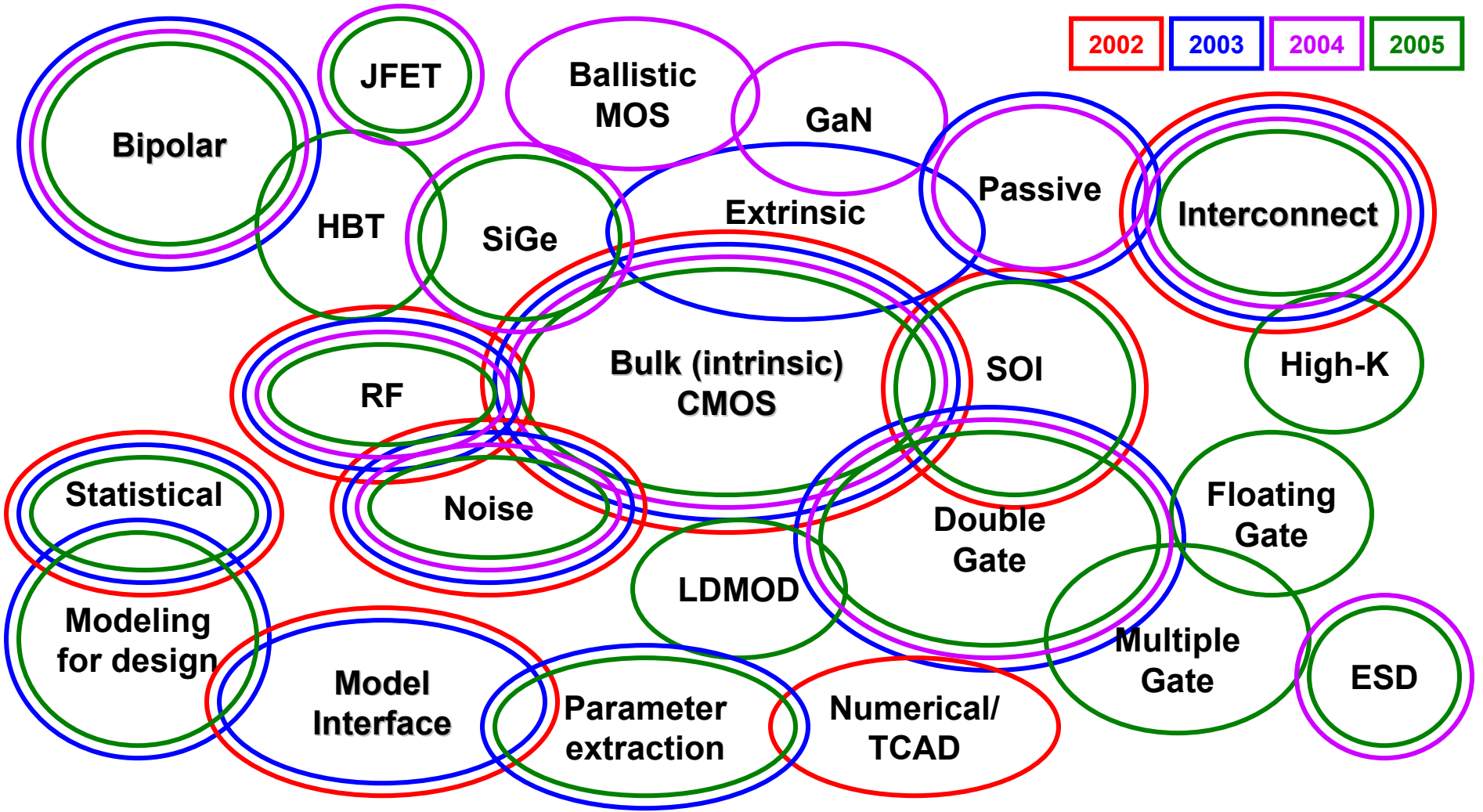
in association with
**The 8th International Conference on
Modeling and Simulation of Microsystems
Nanotech 2005**

Anaheim, CA, USA
May 10–12, 2005

A Broad Range of Topics

WCM-MSM2005

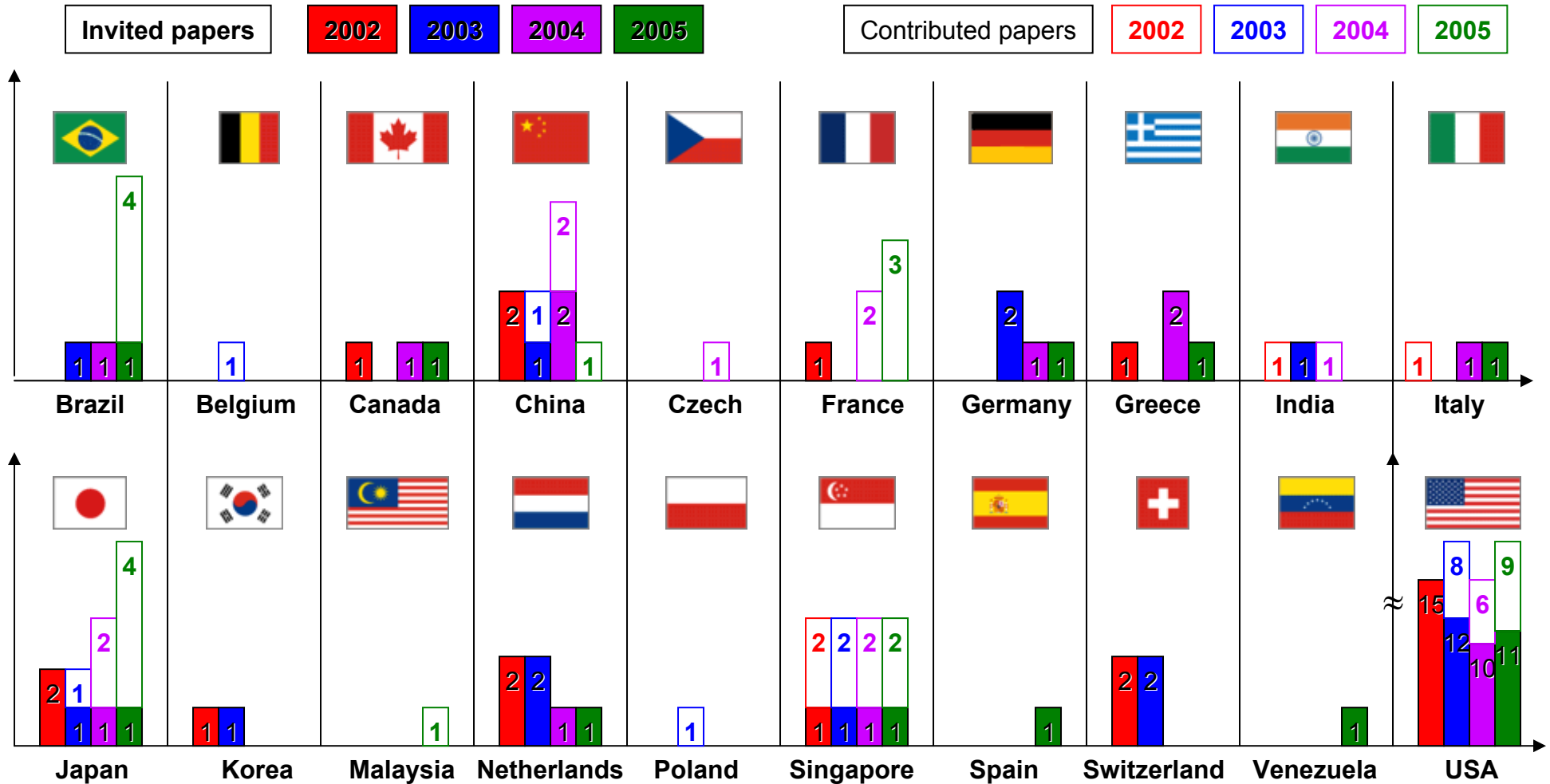
Nanotech2005



A Truly International Event

WCM-MSM2005

Nanotech2005



WCM2005 Highlights

The *Workshop on Compact Modeling* has established itself as a premier Open Forum in the field of compact modeling.

— WCM2005: 3 *milestones* in the history of WCM:

- ❑ First **keynote talk** on *a history of MOS transistor compact modeling* by *Prof. Chih-Tang Sah*
- ❑ First **10-joint-authored paper** on *advanced compact models for MOSFETs*, presented at the **Forum** and further debated at the evening **Panel** discussion
- ❑ First **WCM volume** that includes the WCM2005 keynote and invited papers, contributed poster papers, as well as a collection of the 2003 and 2004 WCM invited papers

WCM2005 Program

❑ Special events

- **Keynote** (8:40am) on “a history of MOS transistor compact modeling”
- **Forum** (3:30pm) on “MOS model utopia”
- **Panel** (7:30pm) on “MOS model development utopia”

❑ Invited papers

- Tuesday/Wednesday: 2 days, 6 sessions, 21 invited presentations
Note to speakers: Contact your session chair and get your slides ready, preferably on the conference PC.

❑ Poster papers

- Poster presentations: Wed (6pm)
Note to poster presenters: Get your posters ready for the Poster Session.
- Two oral briefing sessions: Thur (8:30am, 10:30am)
Note to poster presenters: **10-min oral briefing** (get your slides ready, preferably on the conference PC.)

➤ Call for contribution of presentation slides

- To be hosted at the Nanotech2005 website:
<http://www.nsti.org/Nanotech2005/WCM2005/>

Special Thanks and Acknowledgment

Special events

- **Dr. Colin McAndrew:** Forum chair and Joint-authored paper presenter
- **Dr. Josef Watts:** Joint-authored paper editor and Panel moderator
- **Dr. Narain Arora:** Panel chair
- **Prof. Chih-Tang Sah:** keynote speaker

Session chairs

- Dr. Narain Arora, Prof. Jamal Deen, Prof. Carlos Galup-Montoro, Dr. Dirk Klaassen, Dr. Shih-Wuu Lee, Dr. Colin McAndrew, Prof. Adelmo Ortiz-Conde, Dr. Josef Watts

Invited speakers, forum presenters, panelists, poster presenters, and all WCM participants

Nanotech organizers

- Dr. Matthew Laudon, Dr. Bart Romanowicz, Ms. Sarah Wenning



Thank you for your participation!

Future of WCM?

Depends on your contribution and participation ...
Any ideas/suggestions are mostly welcome!

Hope to see you all next year in Boston!

(Visit <http://www.ntu.edu.sg/home/exzhou/WCM/> for past/future WCM events)