

Universität Karlsruhe (TH)

Forschungsuniversität · gegründet 1825



**Working group meeting**

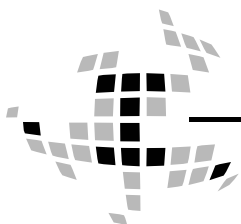
**Software engineering for parallel systems**

Stuttgart, Germany

November 7, 2008

**Dr. Victor Pankratius**

<http://www.multicore-systems.org/separs>



**Fakultät für Informatik**

Lehrstuhl für Programmiersysteme

**Welcome !**





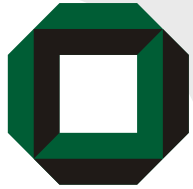
# Thanks!

- Many thanks to Prof. Ploedereder & the University of Stuttgart for hosting this meeting
- Thank you all for being here to advance the field



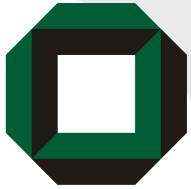
# Agenda

1.00pm-1.20pm	20min	Getting to know each other, concerns, why are you here?
1.20pm-1.35pm	15min	Report on activities
1.35pm-1.40pm	5min	<b>Intel Academic Community</b> Stehanie Brumat (Intel, Germany)
1.40pm-2.10pm	20min +10	<b>Many core programmers: what do employers want?</b> Jeffrey D. Gallagher (Intel, USA)
2.10pm-2.35pm	15min +10	<b>Parallelism in curricula – a survey of international universities</b> David Meder, Victor Pankratius (U. of Karlsruhe)
2.35pm-2.50pm	15min	Break
3.30pm-4.30pm	60min	<b>Discussion:</b> addressing multicore / parallelism in curricula
	10min	Summary
	5min	ToDo for next meeting



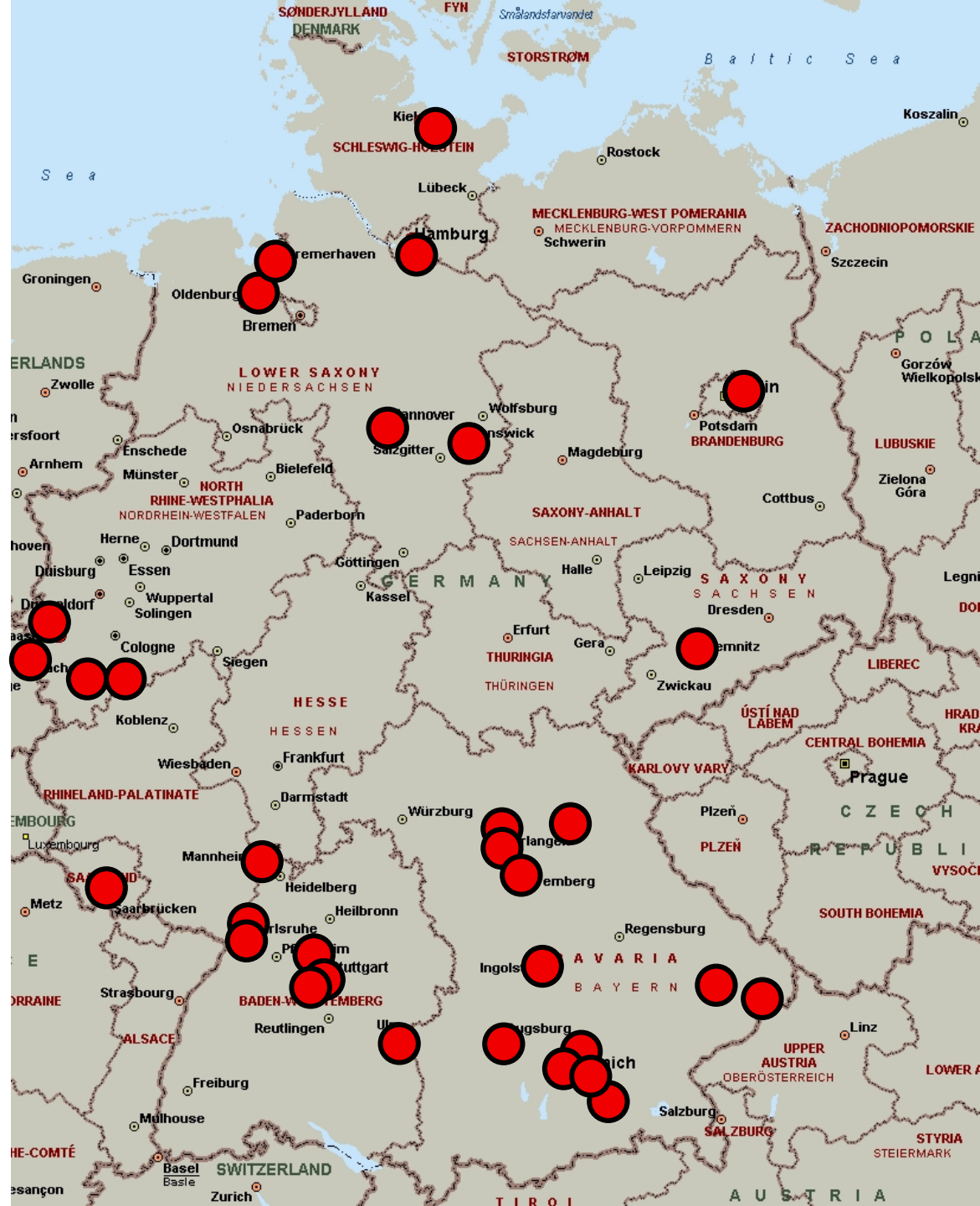
# Report on activities

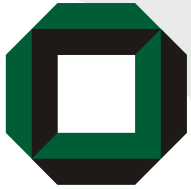
- Since last meeting in May, 2008
  - Now **72** international members
    - **46** from academia, **26** from industry
    - *Excerpt from larger companies:*
      - *Agilent*
      - *Bosch*
      - *Ericsson*
      - *IBM*
      - *Intel*
      - *Nokia*
      - *SAP*
      - *Siemens*
      - *SUN*



# Report on activities

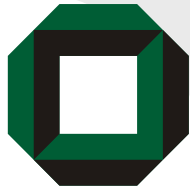
- Members in Germany





# Report on activities Members in other countries

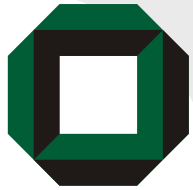




# Report on activities

## Members in other countries

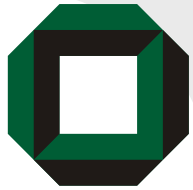




# Report on activities


- Support of the **Manycore Day 2008**
  - FZI Forschungszentrum Informatik Karlsruhe  
Research Center for Information Technology
  - 25 participants
  - Express talks and dicussions





# Report on activities

- Support of the **First International Workshop on Multicore Software Engineering (IWMSE08)**  
Leipzig, Germany, May 2008  
<http://www.multicore-systems.org/iwmse2008>

-  co-located with the 30th International Conference on Software Engineering (ICSE), May 10-18, 2008
- Great success for first-time workshop: 35 participants, 3 sponsors, 1 keynote, 2 tutorials, submissions by 37 authors from 10 countries





# Report on activities



- Applied for organization of **The Second International Workshop on Multicore Software Engineering (IWMSE09)**  
<http://www.multicore-systems.org/iwmse2009>
  - Co-located with ICSE2009
  - Invited speaker: Burton Smith, Microsoft
  - Organizing committee:
    - Adam Porter (Univ. of Maryland, USA)
    - Larry Votta (Brincos Inc., USA)
    - Victor Pankratius (Univ. of Karlsruhe, Germany)
  - **Consider submitting a paper!**
  - Plan: continue with series of workshops on this topic  
<http://www.multicore-systems.org/iwmse>



# Next meeting

- Suggestions?
  - Discussed in earlier meetings:
    - 2 meetings per year, one co-located with international conference
- Proposal: Vancouver, Canada
  - Co-located with the International Conference on Software Engineering 2009 (ICSE09)
  - If the workshop proposal is accepted