Proposers Day
18 November 2014, Basel

PST - Predictable and performant Software for Telecom system

Mikael Sjödin, Mälardalen University, Sweden
mikael.sjodin@mdh.se

Organisation Profile

MÄLARDALEN UNIVERSITY SWEDEN

Embedded Systems@MDH

- 15+13 professors
- 50 researchers (PhDs)
- 70 PhD students
- 14 cooperating research groups

Software development and **operating system** technologies for telecom
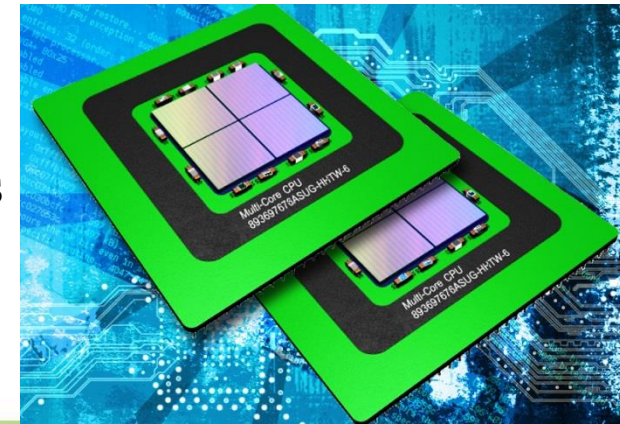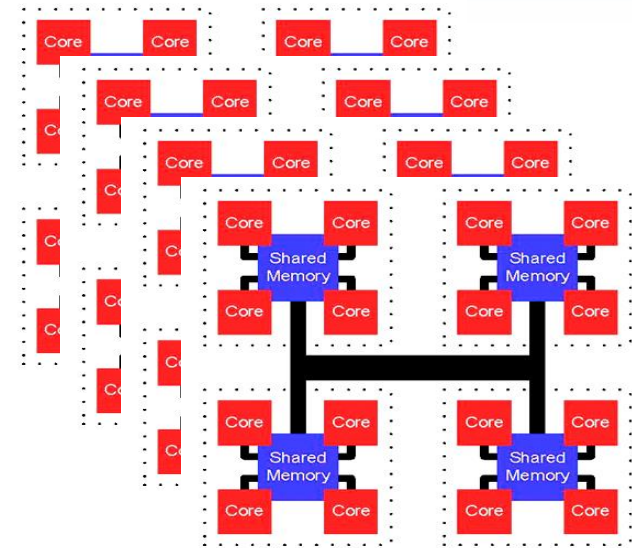
Proposal Introduction (1)

- Support software development for next generation high-performance architectures

Project Idea:

- Operating system support
  - Multi-resource scheduling
  - Resource partitioning
- Software development support
  - Model compilation
  - Models for deployment strategies

Proposal Introduction (2)

Expected outcomes:
- **Open** software-development platforms
  - e.g Papyrus
- Modelling tools, model analysis tools, high-quality code generators
- **Commercialisable** prototypes

Impacts:
- Long term
  - more efficient feature development
  - innovation enabling
- Short term
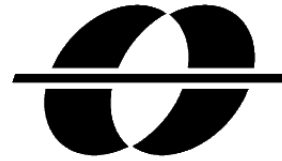 - improved telecom software
  - eco-system for tool developers

Schedule:
- Now! Urgent!

Partners

Swedish (pre) consortium:

Looking for more expertise in:
- Code generation for multicore, manycore, heterogeneous platforms
- Modelling of telecom software
- Operating systems for telecom

And
- System developers (problem owners)

Contact Info

For more information and for interest to participate please contact:

Mikael Sjödin

mikael.sjodin@mdh.se

+46 70 288 2829

www.es.mdh.se

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