
Programming models and operating systems (PRO) cluster

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Agenda

- PRO Cluster
 - General issues
 - Today presentations

Cluster general issues

- Currently
61 members

- Companies

- ST-NXP Wireless
- NXP
- Thales
- Microsoft
- Intel
- IBM
- Ericsson

WP2: Research Program	Active Members	Companies involved	Publication Output	Joint Papers	Joint Papers with industry
Multi-core architecture	65	9	52	14	1
Programming models and operating systems	61	7	55	15	2
Adaptive compilation	76	10	50	7	-
Interconnects	40	4	17	8	-
Reconfigurable computing	54	8	39	13	1
Design methodology and tools	48	6	30	5	1
Binary translation and virtualization	44	9	23	5	-
Modeling and Simulation Framework	61	10	50	14	3
Compilation platform	52	7	27	9	1
Task Force on Education and Training	9	2	9	4	-
Task Force on Reliability and Availability	30	4	17	2	-
Task Force on Applications	29	2	29	14	3
Task Force Low Power	16	1	11	3	-
New Paradigms & New Technologies	32	5	46	15	3

Presentations

- Albert Cohen (INRIA, Paris, France)
 - Stream-computing Extensions and Tools from the ACOTES Project
- José Luis Briz (Univ. de Zaragoza, Spain)
 - GPSim: A Framework to Model Current and Future Manycore Architectures

Presentations

- Per Stenstrom (Nema Labs AB, Sweden)
 - The FASThread Methodology for Parallelization of C/C++ Code without Parallelization Obstacles
- Alex Ramírez (BSC-UPC)
 - The ENCORE Project: Architecture and Programming

PMOS Cluster

- Comments/suggestions...

Thanks!!!