Face-to-Face Meeting

Inria Rennes
Campus de Beaulieu
Rennes
March 29-30, 2016

CONTINUUM
A FRENCH ANR PROJECT

Design Continuum for Next Generation Energy-Efficient Compute Nodes

	Agenda Tuesday, March 29th
09:30	Agenda presentation and objectives of the meeting – **Coordinator**
09:40	Implementation of heterogeneous multicore systems with Cortus technology **(Cortus)** ▪ SystemC and FPGA oriented designs ▪ Early feedback on gem5 experience
11:00	**Coffee Break**
11:15	Emerging memory and communication technologies **(LIRMM)** ▪ Quick introduction to non volatile memories ▪ Quick introduction to Networks-on-Chip
12:30	**Lunch**
14:00	A design exploration flow for multicore architectures integrating non volatile memories **(LIRMM)**
15:00	Design of relevant metrics for performance and energy efficiency **(Inria Rennes)**
16:00	**Coffee Break**
16:15	Introduction to potential static code optimizations as a preliminary step in CONTINUUM **(Inria Rennes)**
17:15	**Ajourn**
	Agenda Wednesday, March 30th
09:30	Technical discussion **(All)** ▪ Benchmarks and applications for CONTINUUM approach validation? ▪ Which experimental platforms: gem5, SystemC, Zync board?
11:00	**Coffee Break**
11:15	Further discussion **(All)** ▪ Grant agreement ▪ Next meeting
12:00	**Lunch & closing**