



## 1.Goal of the meeting

Do a status.  
Define next steps.

## 2.Attendees

Emmanuelle Encrenaz	LIP6
Abdelrezzak Bara	LIP6
Pirouz Bazargan-Sabet	LIP6
Dominique Ledu	LIP6
Laurent Fribourg	LSV
Etienne André	LSV
Ulrich Kühne	LSV
Remy Chevallier	ST

## 3.Summary of the meeting

During the run of the full SPSMALL, several issues have been raised:

### 3.1.Abstraction

During the abstraction step, several false paths are not removed. Our analysis today is that some transitions are not compatible and were not removed because the database is cleaned by an analysis performed on state and not on transition. These preliminary conclusions will be confirmed during the next analysis.

- A consequence of this is one mismatch between the timing computed with simulation and timing computed by our new methodology.

### 3.2.Formal verification

The performances of the verification tool have been improved. However, the 100 automaton in the complete memory cannot be managed by the tool.

- As a consequence, some extra improvements will be embedded in the tool and, the model targeted will be simplified.

### 3.3.Next steps

The next priority will be to build the 2 final deliverables:  
The D4.2 will be driven by the LIP6 (Emmanuelle)  
The D4.3 will be driven by the LSV (Laurent)  
All the contributors will be involved to write this document.

## 4.Publication

## 5.Actions

- Administrative
  - Follow-up the 'Accord de consortium' story (All) [asap]
- Understand abstraction issue (LIP6)

**Meeting minutes**

03/09/2010

- Improve performances of the formal verification engine (LSV)
- Build the 2 final deliverable (All)

**6.Next meeting**

The next meeting is planned middle of November.

**7.Deliverable overview**

No.	Title	Deliv.	Resp.	Target	status
D1.1	State of Art in eSRAM conception	R	ST	0→6	Done
D1.2	Build web site for the project	R	LIP6	0→6	Done
D1.3	Description of the conception flow applied on a study	R	ST	6→12	Study 1 done Study 2 done Study 3 not started Run time of conception flow done
D2.1	State of art in memory verification methodologies	R	LIP6	0→6	Done
D2.2	Definition of a new functional and timed model	R	LIP6	0→6	Done
D2.3	Mixing of abstraction methods and temporal characterization	R	LIP6	6→12	Done
D2.4	Abstraction tool prototype	P	LIP6	12→48	ongoing
D3.1	Temporal automaton modeling adapted to memory	R	LSV	6→12	Done
D3.2	Temporal automaton model checking adapted to memory	R	LSV	12→18	Done
D3.3	verification tool prototype	P	LSV	12→24	Done
<del>D4.1</del>	<del>Description of the conception flow applied on other studies</del>	<del>R</del>	<del>ST</del>	<del>12→18</del>	<del>Not started</del>
D4.2	Experimentation of prototypes on real study	R & D	ST	18→48	ongoing
D4.3	Comparison of results from current verification methods and new methods	R	ST	30→48	ongoing

The targets are described in months.

Delivery naming: (R: report / P: prototype / D: demonstrator)

wk: week number

Q: quarter