



Meeting minutes

11/01/2007

1.Goal of the meeting

The VALMEM project has been labeled by the ANR committee in December 2006.
The aim of this meeting is to define and start the first tasks (define in the project between Start to Start + 6 months).
The meeting has been done in Paris in the LIP6 office the 10th of January 2007.

2.Attendees

Emmanuelle Encrenaz (LSV)
Patricia Renault (LIP6)
Pirouz Bazargan-Sabet (LIP6)
Laurent Fribourg (LSV)
Remy Chevallier (ST)

3.Summary of the meeting

3.1.Starting date of the project

The project has been labeled in December 2006, but it has not been notified at this time. The project will be officially starting when it will be notified. Anyway, we decided to start the preliminary tasks now.

3.2.Protect ST data

The data which will be provided by ST have to be protected by the law. NDAs must be signed, before the 'protocol d'accord' which will be written when the project will be notified.

3.3.Confidentiality

The deliverable of the project (cf deliverable overview section), have to be cleaned of all confidential information. Indeed, these documents must be readable by the reviewer, and by the research communities.

Moreover, the deliverable will be key document for the collaborations and have to underline the weaknesses of ST flows and methods. Thus, we decide to put inside the deliverable documents the main points without confidential information. The confidential information will be written in a dedicated annex which will not be provided to the reviewers.

3.4.Starting tasks

The tasks named 1.1, State of art in eSRAM conception, and 2.1, State of art in memory verification methodologies, are starting. The task 1.2 which deals with the descriptions of eSRAM will include the description of SPSMALL memory. This description is partially written for BlueBerries project.

Moreover, the task 2.2 dealing with the 'Definition of a new functional and timed model' will be discussed in a second phase because the 1.1 and 1.2 documents are mandatory to well address 2.2 task.

**Meeting minutes**

11/01/2007

3.4.1.State of art in eSRAM conception document

This document will include a global overview of the eSRAM development flow. (LSV/LIP6)
The development flow of eSRAM memories in ST will be described with its strength and its weaknesses (ST).

Only the second part is planned inside the first draft.

3.4.2.State of art in memory verification methodologies

This document will include a global overview of the existing and promising verification methodologies. (LSV/LIP6)

4.Actions

Drive NDA document (ST) [As soon as possible]

Write first draft of 1.1 report (ST) [wk8]

Write first draft of 2.1 report (LIP6/LSV) [wk11]

5.Next meeting

The next meeting is planned for the 27th of March at LIP6 office.

6.Deliverable overview

No.	Title	Deliv.	Resp.	Target	status
D1.1	State of Art in eSRAM conception	R	ST	0→6	First draft (wk8)
D1.2	Studies definitions	R	ST	0→6	Not started
D1.3	Description of the conception flow applied on a study	R	ST	6→12	Not started
D2.1	State of art in memory verification methodologies	R	LIP6	0→6	First draft (wk11)
D2.2	Definition of a new functional and timed model	R	LIP6	0→6	Not started
D2.3	Mixing of abstraction methods and temporal characterization	R	LIP6	6→12	Not started
D2.4	Abstraction tool prototype	P	LIP6	12→24	Not started
D3.1	Temporal automaton modeling adapted to memory	R	LSV	6→12	Not started
D3.2	Temporal automaton model checking adapted to memory	R	LSV	12→18	Not started
D3.3	verification tool prototype	P	LSV	12→24	Not started
D4.1	Description of the conception flow applied on other studies	R	ST	12→18	Not started
D4.2	Experimentation of prototypes on real study	R & D	ST	18→36	Not started
D4.3	Comparison of results from current verification methods and new methods	R	ST	30→36	Not started

The targets are described in months.

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