



MEETING MINUTES

Project Steering Committee meeting

Meeting no. 2/2008

Phone Conference, 26 May 2008 (10:00-11:30 CET)

Participants:

Ari Hottinen, Holger Boche, Giorgio Taricco, Gerald Matz, Helmut Bölcskei, Ezio Biglieri, Emanuele Viterbo, Christoph Mecklenbräuer

Executive Summary

The MASCOT project proceeds as planned. The technical review outcome and the resulting recommendations were discussed in some detail. Many reviewer's comments will be addressed specifically in the final project activity report early 2009. One issue needs action: Nokia needs to be involved in transferring the results of the project to industry. Prefinancing for 2008 was agreed. The coordinator prepares a new technical annex for extending MASCOT until March 31, 2008. The project extension will focus on MIMO relaying in Task 3.2 and related research in preparation of the MASCOT successor project.

Strategic input on future business evolution is required from industrial partners for the preparation of the MASCOT successor project (esp. Nokia and input from HHI's partners). If the provided strategic visions are sufficiently strong to be discussed in the PSC, we will organise a dedicated MASCOT successor phone conference for June 13, 2008.

The next MASCOT project steering committee meeting is scheduled for Friday, August 29, 2008 afternoon and evening in Lausanne, Switzerland.

Detailed Minutes

1. Next PSC meeting will be held in conjunction with EUSIPCO 2008 on Friday August 29, 2008 in Lausanne starting on 16:00.
2. Assessment of project progress
 - a. WP1 algorithms (Gerald Matz): proceeds as planned. A voluminous deliverable is due at the end of the project. The drafting for this deliverable will start in July/August 2008. Gerald Matz will initiate the collecting of contributions for a book to publish the MASCOT results. Suggestions for contents layout and book title are welcome.

- b. WP2 library and testbed (Helmut Bölcskei): debugging and cleanup of the testbed proceeds as planned: 64-QAM modulation is working correctly. The testbed video is finalised (see WP4 report). Future demonstrations will focus on uplink multi-user space-time codes.
 - c. WP3 limits (Giorgio Taricco): proceeds as planned. Capacity results of multi-user MIMO channel was recently extended to the wideband case.
 - d. WP4 dissemination and exploitation (cfm):
 - i. The testbed video is available at the following URL:
<http://www.podcast.ethz.ch/episodes/?id=734>
 - ii. Original planning of D4.6 (second industry course) needs revision. We will delay D4.6 until February 2009. We plan D4.6 in conjunction with WSA 2009 hosted by FhG-HHI in Berlin.
 - e. report from WP5 management (cfm):
 - i. technical review on 4 March 2008, discussion of EC evaluation report
 - ii. The co-ordinator prepares a draft AMENDMENT 2 which foresees
 - 1. A project extension until March 31, 2009.
 - 2. Budget re-allocation to avoid underspending: Additional work on Task 3.2 on MIMO relaying during first quarter 2009.
 - 3. Split-up of D2.3.2 into three parts: D2.3.2a, D2.3.2b, and D2.3.2c.
 - 4. Delay of 2nd ETHZ Open House Event until March 2009.
3. Budget and reporting
- a. Discussion of budget planning figures
 - i. For details see e-mail on payment plan and planning summary with attachments sent by Sue Ivan on May 21st, 2008)
 - ii. Underspending: In the current planning it becomes obvious that we will fail to consume approx. 100k€ of the EC grant. Using slightly less than 3M€ instead of contractual EC grant of € 3.090.000
 - iii. Therefore, the co-ordinator will prepare an AMENDMENT 2 of the technical annex to extend the project for three months (delaying the project's end until 31 March 2009).
 - iv. The three-month project extension will be focused exclusively on Task 3.2. All MASCOT partners will work on that task during Jan-Feb-Mar 2009.
 - v. The co-ordinator will prepare a proposal for a corresponding budget re-allocation until mid June.
 - b. The pre-financing proposal by co-ordinator for 2008 was discussed based on the payment plan and planning summary provided by Sue Ivan on May 21st, 2008.
 - c. The pre-financing proposal was agreed as proposed.
4. MASCOT related event planning
- a. D4.6 Second MU-MIMO Industry Course will be organised in conjunction with WSA 2009, Berlin. Proposals for courseware and presentations are due up until 30 June 2008. Please



send your input to Erwin Riegler who will put the course together and co-ordinate the organisation with WSA 2008 organisers.

5. Status of upcoming deliverables
 - a. D2.3.2b, responsible ETHZ, proceeds as planned
6. Preparation of MASCOT successor project within FP7
 - a. We need input from Nokia and HHI on strategic issues: device-enabled applications.
 - b. Depending on strategic input: A phone conference is preliminarily scheduled for Friday June 13, 2008 starting 16:00. Professor Chen of NTU will also be invited to take part
7. Any other business
 - a. All MASCOT participants are invited to submit manuscripts to the newly opened call for papers of the IEEE Journal of Selected Topics in Signal Processing (JSTSP): "Special Issue on Managing Complexity in Multiuser MIMO Systems"
 - b. Student Best paper award at ISCAS 2008: paper by Studer et al.

Draft Minutes distributed on May 29, 2008 by cfm.

Final Minutes distributed on May 30, 2008 by cfm.