

Agenda

Project Steering Committee meeting

Meeting no. 1/2008

ETH Zurich, 22nd February 2008 (16:00-17:30 CET)

Required participants:

- a) PSC members as listed in the new Description of Work (Status 2006-12-01): **Ari Hottinen, Holger Boche, Giorgio Taricco, Gerald Matz, Helmut Bölskei, Ezio Biglieri, Emanuele Viterbo is excused and appoints Barbara Cerato for this meeting, Christoph Mecklenbräuer** (cfm), unavailable PSC members need to appoint a proxy or change the representative.
- b) Workpackage leaders (**Gerald Matz, Helmut Bölskei, Giorgio Taricco, cfm**)

Draft agenda

1. Date and location of the next PSC meeting: to be determined / alternatively: PhC
2. Assessment of project progress (this may take only 10 minutes in total)
 - a. report from WP1 algorithms (Gerald Matz):
 - b. report from WP2 library and testbed (Helmut Bölskei):
 - c. report from WP3 limits (Giorgio Taricco):
 - d. report from WP4 dissemination and exploitation (cfm):
 - i. Discussion of list of exploitable intellectual property.
 - ii. Proposal by British Publishing Group
 - e. report from WP5 management (cfm):
 - i. Preparation of technical review meeting March 04, 2008.
3. Budget and reporting
 - a. Balance on MASCOT trust account: EUR 250k.
 - b. Proposal for pre-financing 2008 (TOTAL EUR 215k)

i. FTW	32.112,64
ii. NOKIA	19.894,99
iii. FhG-HHI	22.017,44
iv. PoliTo	10.277,62
v. VUT	38.570,23
vi. ETHZ	79.590,93
vii. FBM-UPF	12.379,42
viii. UNICAL	0,- (pre-financing 30k already received)
4. MASCOT related event planning



- a. D4.6 Second MU-MIMO Industry Course as a tutorial at EUSIPCO 2008, August 2008.
5. Status of upcoming deliverables
 - a. D3.2.1 Performance tradeoffs in Ad-hoc MIMO networks, resp: Ari Hottinen, Nokia, March 2008.
 - b. D4.6 Second MU-MIMO Industry Course, resp: Erwin Riegler, FTW, August 2008.
6. Preparation of MASCOT successor project within FP7
 - a. Preparation for FP7 ICT ... FET Open Call
 - b. Research on MIMO ad hoc and cognitive radio
 - c. Targeted date of submission: May 6, 2008
7. Any other business

Draft Minutes to be distributed on February 28, 2007 by cfm for approval.

APPENDIX for drafting the Short Proposal:

Structure of the FET Open short proposal and assignment of editing tasks

5 pages of proposal in total

Section 1: Scientific and/or technical quality, relevant to the topics addressed by the call

Sec. 1.1 Concept and objectives

Describe your concrete objectives. To what extent are the objectives relevant to the objectives of FET-Open? The objectives should be those achievable within the project, not through subsequent development. To the extent possible, quantify your objectives and define the success criteria that will allow the degree of your success or the validity of your initial assumptions to be measured.

Christoph Mecklenbräuer has already collected scientific questions. Let's discuss!!

Sec. 1.2 Progress beyond the state-of-the-art

What is the innovation of your idea?

If you are aiming at a breakthrough or paradigm shift, describe it. If you are aiming at the further maturing of a recently demonstrated new scientific principle, explain why further foundational research is needed to bring it closer to the objectives of the more mainstream programs.

This is a task for the WP leaders: t.b.d.

Sec. 1.3 S/T methodology and associated work plan

Provide an outline of the approach. Which is the methodology you intend to put into practice?

Provide convincing evidence that you fully understand / are aware of all of the initial difficulties / boundary conditions and have a clear idea on how to address them. You are not asked to guarantee that your approach necessarily leads to success; you have to demonstrate that you fully understand the problem and have a well thought out idea on how to address these. Define a validation phase / assessment task to assess the success / validity of your assumptions.

We should do this after we wrote 1.1 and 1.2

The WP leaders should do this: t.b.d.

Section 2: Implementation



Sec. 2.1 Resources to be committed

Provide the total number of man-months you intend to allocate to the achievement of your work and any major items of equipment you would put to use.

Whole budget should be between 3.5 and 4.5 Mio (max) Euro. Project duration 3 years
There is no fixed budget per batch. Total effort in the project around 450 person months.

It will be difficult to describe the measurement / testbed facilities and equipment (channel sounders) while ensuring that the short proposal remains anonymous,

Section 3. Impact

3.1 Expected impacts listed in the work programme

Describe how your project will contribute towards the expected impacts listed in the work programme in relation to the topic or topics in question. Explain why this contribution requires a European (rather than a national or local) approach. Mention any assumptions and external factors that may determine whether the impacts will be achieved. To what extent do your objectives go beyond / are complementary to mainstream R&D directions, roadmaps, proactive Initiatives, targeted R&D programs? How will your objectives contribute to the progress of science? Is the potential high risk balanced by a potential high pay-off?

3.2 Positioning with respect to the realisation of a long term vision in the ICT domain

Your research objective must be positioned with respect to a broader vision. Your research objective should address one of the challenges that prevent the realisation of this vision. Describe the broader vision your research objective is contributing to. Position your contribution with respect to this vision. How will the achievement of your objectives permit the vision to become true?

(Maximum length for Section 1+Section 2+Section 3 – five pages)

I would like to ask Giorgio, Helmut and Holger to draft this strategic stuff.
Draft should be ready on March 3, 2008.