



Central European Institute of Technology
BRNO | CZECH REPUBLIC

October 1-3, 2019

Administration / Management Agenda



Agenda

- Deliverables for revision – to do lists
- Upcoming Deliverables and Milestones
 - Deliverables
 - Interim report
 - Workshop for scientific community
 - Workshop for industrial partners
- State of funds - BUT

Deliverables for revision

Number	Title	WP	Lead	Type	Dissemination level	Due Date
D1.1	Concept of PS	1	NGU	Report	Public	October 31
D2.2	SPM unit for PE EPR microscopy: progress report	2	BUT	Report	Public	October 31
D3.3	Interim CDE Plan	3	BUT	Report	Public	October 31

D1.1 – Concept of PS

- Request from reviewers:

- Written in a too generic way
- Need to provide more explanatory detail

- To do:

- deadline – end of October
- Draft: BČ will distribute the original report and each will embellish their part

D2.2 – SPM unit for PE EPR microscopy: progress report

- Request from reviewers:
 - Written in a too generic way
 - Need to provide more explanatory detail
 - Specifically requested the highlighting of the innovative aspects of the SPM unit and the microscope as a whole
- To do:
 - deadline – end of October
 - Draft: Zdeněk Nováček, Michal Pavera, Alisa Leavesley

D3.3 – Interim CDE Plan

- Request from reviewers:
 - Add information about conference proceedings
 - List all CDE activities in the report
 - Add published papers to the website
 - Add lectures from workshops to the website
- To do:
 - deadline – end of October
 - Draft: Božena Čechalová
 - Needed: completing the questionnaire
 - **Needed: presentations from Söllerhaus workshops**

Upcoming deliverables in WP1

No	Title	Lead	Type	Dissemination level	Due Date
D1.6	Plasmon Enhanced EPR experiments	USTUTT	Report	Public	March 31
D1.7	Proof-of-concept samples for PE EPR microscopy	BUT	Report	Public	June 30

- D1.6 - Application of the optimized THz apparatus and samples prepared for PE THz EPR experiments – assessment of the magnetic sensing field enhancement caused by PS, the scope and limitations of the setup.
- D1.7 - UHV evaporation of an analysed material on the samples with and without PS (reference samples). Utilizing a patterned photoresist to provide selective deposition to specific sites (increase of the relative antenna signal contribution). Application of samples for PE THz EPR microscopy.

Upcoming deliverables in WP2

No	Title	Lead	Type	Dissemination level	Due Date
D2.4	Cantilever tips for PE EPR microscopy	BUT	Demonstrator	Public	December 31 2019
D2.5	Platform for PE EPR microscopy	TK	Demonstrator	Public	February 28
D2.6	Optimized cantilever tips for PE EPR microscopy	BUT	Demonstrator	Public	June 30

- **D2.4** - Fabrication of a folded PS by EBL/FIB on longer/wider tips (e.g. needles, sapphire shards,...) glued to cantilevers or watch tuning forks.
- **D2.5** - Installation of the SPM unit delivered in D2.1-D2.3 into a LHe cryostat of the EPR apparatus – assembly of a platform-prototype for PE THz EPR microscopy. Testing and optimization of the platform.
- **D2.6** - Fabrication of a folded PS by EBL/FIB on longer/wider tips (e.g. needles, sapphire shards,...) glued to cantilevers or watch tuning forks: Optimized structures.

Upcoming deliverables in WP3

No	Title	Lead	Type	Dissemination level	Due Date
D3.7	Interim project report	BUT	Report	Public	December 31 2019

D3.7 - Interim project report will be prepared with the structure of the periodic project report. In case of review meeting (if it is confirmed) agenda and presentations from the meeting will be provided.

Note: so far, there is no planned review meeting for this interim period.

Will start drafting in November, will send to partners for completions of their parts.

Upcoming Milestones

No	Title	WP	Lead	Details	Due Date
MS2	Optimized PE THz EPR spectroscopy	1	USTUTT	Related to D1.6	March 31
MS4	Platform for PE EPR microscopy	2	TK	Related to D2.5	February 28
MS8	Second progress steering meeting	3	BUT	Event - TODAY	December 31
MS12	Workshop for scientific community 2	3	NGU	Workshop in San Sebastian (scientific)	June 2020
MS13	Workshop for industrial partners	3	TK	Workshop in UK, targeting industrial community	August 2020

Thank you for your attention!

