

2016-07-04 ACHIP Meeting

Participants, tasks and expertise:

Rasmus Ischebek	Project coordinator
Adriano Zandanella	Vacuum group
Susmita Saha	Working on magnetic nano-structures who will use the ACHIP chambers for their samples
Werner Zoller	Project management
Matthias Moser	Construction drawings/design
Franziska Frei	Coordination design/installation
Marie Siegler	Summer student, beam size measurement setup development
Cigdem Ozkan Loch	Diagnostics group member, beam loss monitor expert
Max Kellermeier	Semester thesis: Figure out if ACHIP also works for protons
Blagoj Sarafimov	Technician working for beamline, design/drawing of the experimental chamber
Eugenio Ferrari	ACHIP Postdoc
Marco Calvi	ID group, will contribute with permanent magnet quadrupoles
Sven Reiche	SwissFEL beam dynamics group leader
Simona Bettoni	Electron beam modelling expert
Albert Romann	Synchronization of laser with PSI timing system
Nicole Hiller	Screen diagnostics, planning of experiment shifts for SwissFEL

Other team members:

Yelong Wei	Wake-field calculation and structure modelling
Micha Dehler	Wake-field calculation, modeling of the structure
Eduard Prat	Modeling of e-beam
Hanspeter Gehrig	Technician, chamber installation and assembly

Experimental chambers:

- Chamber in SwissFEL injector is installed. It has many names, we should decide to standardize.
DLAC, SINDI, Linac Experiment, SINDI02-DLAC055 (SINDI02-Girder, D = Diagnostics, LAC = Laser Accelerator, 055 = position on girder)
- Chamber in ATHOS switchyard on SATSY-Girder

Project Structure:

- Slide from Rasmus
- 7 working groups

Data/Information exchange:

- Switchdrive folder > Rasmus is admin
 - Ideally everyone should have a folder named ACHIP.Yourname, shared with all the colleagues at PSI
- Meeting minutes
- Overview slides
- Paper of Eduard

Steering Committee:

- Meeting every 3 months, upcoming meeting in September 2016
- Report from last meeting:
 - The steering agreed on the location of the SATSY chamber at the switchyard
 - Submit the design change request (scientific goals, technical details) for SwissFEL (Rasmus will prepare this together with Romain Ganter)

Project plan and milestones:

- see dedicated document

Collaboration meetings:

- internal at PSI
- external with our partners

Upcoming meetings:

- Internal:
 - every other week meeting at PSI, on Monday at 13:30
- With partners:
 - 14th July 2016, 17:00 > Video conference
 - 15th -16th September 2016 > in Erlangen (Rasmus, Franziska, Eugenio, anyone else?)
 - 1st-2nd March 2017 > maybe in Switzerland

Updated with Franziska's comments