

2nd EuPRAXIA Yearly Meeting and Collaboration Week

Place: IST, Lisbon, Portugal

Time: 20th of November 2017 to 24th of November 2017

Event webpage: <https://indico.cern.ch/event/664989/>



Monday, 20th of November 2017, “Welcome and WP updates”

12:00 – 14:00 **Registration**

(IST Congress Centre within Pavilhão de Civil, Av. Rovisco Pais 1, 1049-001 Lisbon, Portugal. All plenary sessions will be held in the auditorium.)

12:30 – 14:00 **Light lunch and coffee**

14:00 – 14:15 **Welcome and practical information**

14:00 Welcome (L. Silva)
14:05 Practical information (T. Minniberger)

14:15 – 15:45 **WP updates I (Chair: J. Vieira)**

14:15 Overall status and WP1 update (R. Assmann)
14:45 Discussion

14:50 Outreach and Liaison (WP8) (R. Torres)
15:10 Discussion

15:15 Physics and Simulation (WP2) (P. Nghiem)
15:40 Discussion

15:45 – 16:00 **Coffee break**

16:00 - 17:30 **WP update II (Chair: R. Assmann)**

16:00 High Gradient LPA Structure (WP3) (B. Cros)
16:25 Discussion

16:30 Beam Design and Optimization (WP5) (E. Chiadroni)
16:55 Discussion

17:00 Baseline parameters, facility layout & site studies (A. Walker)
17:25 Discussion

17:30 - 18:00 **Scientific Advisory Committee (SAC) meeting** (closed session, location: IST Congress Centre, Room 02.3)

17:30 - 19:00 **Meet and Greet**

Drinks and light snacks.



Tuesday, 21st of November 2017, “WP update, CB meeting & plenary talks”

08:00 – 09:00 **SAC** (closed session, location: IST Congress Centre, Room 02.3)

09:00 – 10:30 **WP update III (Chair: A. Mostacci)**

- 09:00 Laser Design and Optimization (WP4) (L. Gizzi)
- 09:40 Discussion
- 09:45 FEL Pilot application (WP6) (F. Nguyen)
- 10:00 Discussion
- 10:05 HEP & other Pilot Applications (WP7) (R. Walczak)
- 10:20 Discussion
- 10:25 Alternative e-Beam Driven Plasma Structure (WP9) (M. Ferrario)
- 10:35 Discussion

10:40 – 11:00 **Coffee break**

11:00 – 12:30 **WP update IV (Chair: B. Cros)**

- 11:00 Alternative e-Beam Driven Plasma Structure (WP9) (M. Ferrario)
- 11:10 Discussion
- 11:15 Use of Other Novel Technologies (WP10) (G. Xia)
- 11:25 Discussion
- 11:30 FEL Application Prototyping (WP11) (A. Maier)
- 11:40 Discussion
- 11:45 Acc. Prototyping & Exp. Test Facilities (WP12) (A. Mostacci)
- 11:55 Discussion

12:15 **Group photo (meet at reception, we will walk over together)**

12:30 – 15:00 **Lunch break (self-organized, recommendations will be posted)**

12:30 – 13:00 **CB & SAC member’s lunch buffet & coffee (location: outside auditorium)**

13:00 – 15:00 **2nd Collaboration Board (CB) meeting** (location: IST Congress Centre, Room 02.1)

13:00 – 15:00 **SAC** (closed session, location: IST Congress Centre, Room 02.3)

15:00 – 15:30 **Coffee break**

15:30 – 16:30 **Plenary talks (Chair: E. Chiadroni)**

- 15:30 Alternative Radiation Generation (WP13) (J. Vieira)
- 15:40 Discussion
- 15:45 Hybrid Laser-Electron-Beam Driven Acc. (WP14) (B. Hidding)
- 15:55 Discussion
- 16:00 Diagnostics for EuPRAXIA accelerator (A. Cianchi)
- 16:25 Discussion

16:30 **Adjourn**

16:30 – 17:30 **SAC & WP leaders** (closed session, location: IST Congress Centre, Room 02.1)

19:00 – 22:00 **Collaboration dinner** (location: Casa do Alentejo)

Wednesday, 22nd of November 2017, “SAC Q&A, plenary talks and SAC report”

08:30 – 09:30 **SAC** (closed session, location: IST Congress Centre, Room 02.3)

09:30 – 10:30 **Plenary: SAC open Q&A session (Chair: A. Specka)**
Questions to EuPRAXIA members from SAC (All, SAC)

10:30 – 11:00 **Coffee break**

11:00 – 12:00 **Plenary: highlight talk by host (Chair: Z. Najmudin)**
11:00 R&D on lasers and plasmas at GoLP (L. Silva)
11:45 Discussion

11:00 – 12:00 **SAC** (closed session, location: IST Congress Centre, Room 02.3)

12:00 – 14:00 **Lunch break (self-organized, recommendations will be posted)**

14:00 – 15:30 **Plenary talks (Chair: L. Gizzi)**
14:00 EuPRAXIA@SPARC_LAB” (M. Ferrario)
14:25 Discussion
14:30 Advancements at ELI Beamlines: Status of the user facility development
14:55 Discussion (L. Pribyl)
15:00 Laser R&D required for EuPRAXIA (F. Mathieu)
15:25 Discussion

15:30 – 16:00 **Coffee Break**

16:00 – 17:00 **Plenary: SAC report (Chair: M. Ferrario)**
16:00 SAC report (C. Biscari)
16:45 Discussion (All)

17:00 **End of Yearly Meeting**

17:15 Pre-WP meeting (E. Chiadroni/P.Nghiem)
location: IST Main Building, room # 35; this is a neighboring building, and we will meet outside lecture theatre at 17:00 and walk over with Ana.

Thursday, 23rd of November 2017 “WP meetings”

The WP meetings are organized by WP leaders and shared WP meeting are encouraged. The detailed agenda is available from the front page on indico: (<https://indico.cern.ch/event/664989/>).

09:00 – 10:00 Plenary: general discussion

09:00 Review CDR layout and process (Ralph Assmann)
09:15 Discussion (All)

10:00 – 10:30 Coffee break

10:30 – 12:30 WP meetings I

12:30 – 14:00 Lunch break (self-organized, recommendations will be posted)

14:00 – 15:30 WP meetings II

15:30 – 16:00 Coffee break

16:00 – 18:00 WP meetings III

18:00 Adjourn

Friday, 24th of November 2017, “Summaries, open discussion and closing”

09:00 – 10:30 ESFRI roadmap application and WP summaries (Chair: A. Walker)

09:00 ESFRI roadmap (Franck Brottier)
09:20 Discussion (All)
09:30 Short view from WP leaders (WP leaders, 1 slide each)

10:30 – 11:00 Coffee break

11:00 – 12:30 WP summaries continued (Chair: L. Silva)

11:00 Short view from WP leaders (WP leaders, 1 slide each)
12:00 Discussion and AOB (All)

12:30 Adjourn and End of Collaboration Meeting