

1st EuPRAXIA Collaboration Week**Place:** DESY, Hamburg, Germany**Time:** 12:30 pm, 19th of June 2017 to 12:30 pm, 23rd of June 2017**Event webpage:** <https://indico.cern.ch/event/613622/>**Monday, 19th of June 2017, “Welcome and WP updates”**12:00 – 14:00 **Registration (DESY, Flash Seminar Room, Bldg. 28c, 2nd floor)**12:30 – 14:00 **Welcome lunch and coffee**14:00 – 14:15 **Welcome and practical information**

14:00 Welcome (R. Brinkmann)

14:10 Practical information (R. Mundt)

14:15 – 16:15 **WP updates and plans for collaboration week, part 1 (WP1-WP7)**

WP talks (5 min talk + 10 min discussion): what was achieved; is there any input missing/needed; is the share of the work with connected WP's fully defined; any other problems we should be aware of; what are the WP's goals and plans for the collaboration week.

14:15 General update & WP1 (R. Assmann)

14:45 WP2 (A. Mosnier)

15:00 WP3 (B. Cros)

15:15 WP4 (L. Gizzi, F. Mathieu)

15:30 WP5 (E. Chiadroni)

15:45 WP6 (M.E. Couprie)

16:00 WP7 (R. Walczak)

16:15 – 16:30 **Coffee break**16:30 - 18:15 **WP updates and plans for collaboration week, part 2 (WP8-WP14)**

WP talks (5 min talk + 10 min discussion): what was achieved; is there any input missing/needed; is the share of the work with connected WP's fully defined; any other problems we should be aware of; what are the WP's goals and plans for the collaboration week.

16:30 WP8 (R. Torres)

16:45 WP9 (J. Osterhoff, M. Ferrario)

17:00 WP10 (U. Dorda)

17:15 WP11 (A. Maier)

17:30 WP12 (A. Mostacci)

17:45 WP13 (Z.M. Sheng)

18:00 WP14 (A. Martinez de la Ossa)

18:15 **Adjourn**18:15-19:00 **Meet and Greet**

Drinks and light snacks.

Tuesday, 20th of June 2017, “Plenary discussions”

For each plenary discussion session on Tuesday and Wednesday morning, there will be one coordinator. The coordinator should collect and coordinate slides from all WP's that can be presented by the WP leaders (or any project member), ensuring that the allocated time is respected. Prepared slides can also be shown during discussion.

08:30 – 09:00 **Coffee**09:00 – 10:00 **Layout and major components of EuPRAXIA**9:00 **Introduction** (suggested coordinators: R. Assmann, A.Walker)

9:15 Discussion, requests, comments: one accelerator with switchyard; several dedicated accelerators; two levels; generic layout vs site studies; how many user areas; footprints; costing approach.

10:00 – 10:30 **Coffee break**

10:30 – 12:30 **Injectors**

10:30 **LP injector** (suggested coordinator: B. Cros)

10:45 Discussion: what beam energy, quality, average and peak current ...

11:15 **RF injector** (suggested coordinator: E. Chiadroni)

11:30 Discussion: what beam energy, quality, average and peak current ...

12:00 **Overall discussion injectors**

12:30 – 14:00 **Lunch (DESY canteen)**

14:00 – 16:00 **Status of overall design (start to end simulations)**

14:00 **LPA to 1 GeV and 5 GeV** (suggested coordinator: A. Mosnier)

14:15 Discussion: how to arrive at required beam quality; applications (FEL, HEP, medical); simulation codes; what to simulate next (triangular bunches, hollow plasma, multi pulse LWFA, dechirper ...).

15:00 **PWFA to 1 GeV and 5 GeV** (suggested coordinator: M. Ferrario/J. Osterhoff)

15:15 Discussion: how to arrive at required beam quality; applications (FEL, HEP, medical); simulation codes; what to simulate next.

16:00 – 16:15 **Coffee break**

16:15 – 17:30 **6th Steering Committee Meeting (Bldg. 1, room 1)**

17:30 **Adjourn**

Elbphilharmonie plaza visit & possible dinner at Hafenhunger near Elbphilharmonie

Wednesday, 21st of June 2017, “Plenary discussions”, and “Individual WP meetings”

08:30 – 09:00 **Coffee**

09:00 – 10:30 **Diagnostics & correction devices (dipoles, mirrors...), realistic imperfections and required redundancies**

9:00 **Introduction** (suggested coordinator: A. Specka)

9:15 Discussion: what imperfections are most important for electron beam, laser, and plasma how do we correct; what do we measure; do we need additional equipment.

10:30 – 10:15 **Group Picture**

10:45 – 11:00 **Coffee break**

11:00 – 12:30 **Facility Access**

11:00 **Facility Access** (suggested coordinator: A. Mostacci)

11:15 Discussion and questions

11:45 **Any additional common discussion** (proposals invited)

12:00 Discussion

12:30 – 14:00 **Lunch (DESY canteen)**

14:00 – 15:30 **Individual WP meetings I**

15:30 – 16:00 **Coffee break**

16:00 – 18:00 **Individual WP meetings II**

18:00 **Adjourn**

19:00 Collaboration dinner (<http://www.kleinhuis-restaurantschiff.de/anfahrt.php>)

Thursday, 22nd of June 2017 “Individual WP meetings” and “Plenary discussions”

08:30 – 09:00 **Coffee**

09:00 – 10:30 **Individual WP meetings III**

10:30 – 11:00 **Coffee break**

11:00 – 12:30 **Individual WP meetings IV**

12:30 – 14:00 **Lunch (DESY canteen)**

14:00 – 16:15 **Roadmaps and Funding Discussions**

In this session we welcome presentation from additional inst. (depending on numbers, limited to 5 minutes).

14:00 **ESFRI roadmap** (F. Brottier)

14:30 Discussion

14:45 **ANAR workshop towards HEP roadmap** (B. Cros)

15:15 **Additional funding opportunity status, LEAPS & TIARA** (R. Assmann)

15:45 Discussion

16:15 – 16:30 **Coffee break**

16:30 – 18:00 **Discussions/conclusions within individual WP's** (preparations for Friday)

18:00 **Adjourn**

Site visits of SINBAD (meet at inside bldg. 30, basement, room 023a) and FLASHForward (meet outside bldg. 28m). There will be two groups each about 25 people strong, one will start at SINBAD, one will start at FLASHForward. At about 7:15 pm, these groups will switch locations. A sheet of names will be displayed at reception on Wednesday and Thursday to indicate who belongs to which group and where to be when.

Friday, 23th of June 2017, “Summaries, open discussion and closing”

08:30 – 09:00 **Coffee**

09:00 – 10:30 **Worklist & WP summary**

9:00 **Worklist and issues collected** (R. Assmann)

9:30 Discussion

9:45 **Short view from WP leaders** (1 slide each)

10:30 – 11:00 **Coffee break**

11:00 – 12:30 **WP summary slides continued**

11:00 **Short view from WP leaders** (1 slide each)

11:45 **Contributions/thoughts from associated partners/industry**

12:30 **Adjourn**