

AT workshop (EURIZON budget)

Possible, tentative DATES:

25-26th May (shutdown),

22-23 June, (good, couple of days after workshop at CERN June 26-28, FCC-ee people present)

6-7th July,

14-15 September,

12-13 October (shutdown)

When is next Low emittance ring workshop (R.Bartolini)

IFAST contribution to workshop (R.Bartolini) could finance the travel for non-EU participants.

(evaluate if a date contiguous to FLS workshop could be a good thing) (would be good for Thorsten!)

Draft Agenda:

DAY #1: matlab AT2.0

Networking welcome coffee

session 1: recently added features

session 2: experience using of matlab AT2.0

Networking lunch at ESRF canteen private room

session 3: future developments and users request

session 4 (hot topic to keep people in): for example AT + CUDA

poster session (if there are too many proposed talks)

Networking Dinner in some restaurant in Grenoble

DAY #2: python AT

Networking welcome coffee

session 1: recently added features

session 2: experience using of python AT

Networking lunch at ESRF canteen private room

session 3: future developments and users request

session 4 (hot topic to keep people in): for example python Simulated Commissioning

Needs:

2/3 talks on strictly EURIZON related subjects

Other ideas:

Google form to define dates, topics and ask a few questions for discussion to the users:

https://docs.google.com/forms/d/e/1FAIpQLSfWB7nmvHVXZWcaKfIDg11RrzKwa2vv4ztSFwQiaEKKO03O5EA/viewform?usp=sf_link

competitor software talks: ELEGANT, xsuite,

script SC lattice with errors to elegant lattice for tracking (Gregory Penn)

AT in Control room, interaction with TANGO / EPICS / Others

talk on AT for protons, ions and colliders (kinematic term)

housing at the ESRF guest house can be paid by EURIZON if during shutdowns (space in the guesthouse)

Discussions:

AT software management (master, development, reviews, code testing, etc...)

Wiggler/ID integration in the code: any ID, gives correct emittance, energy loss, etc... with or without radiation

Definition and selection of contribution:

Call for proposal, fill agenda, all the other will have poster. ~2 talks must be Eurizon related.

Prepare proceedings (each presenter transforms his presentation in a small report) or ask chair of each session to write a 1-2 page summary from the presented material and following discussion.

Potential participants list:

ESRF, 6 people + 1 (Laurent)

DESY, 2-3 people (For eurizon)

SOLEIL 2-3 people

ALBA (Zeus, Michele, Gabriele)

PSI 1 (Jonas)

Diamond (MJ Gaughran)

ELETTRA (Stefano Krecic)

KARA

MAX IV

SOLARIS

ALS (US)

Shangai lighth source

Corean lighth source

CERN (with potential competitor software talk)

SESAME

BESSY

NLSL II

KEK?

Candle

Indus-2

Thai light source

Taiwan light source

Canadian light source

Australian light source

(look at ESLS official list)

...

Micheal Borlan (talk on elegant, competitor from which we copy often code) likely will accept zoom invitation

Greg Portman (MML, future or MML)

Boaz Nash (radia soft, AT radia soft web interface?)

Joan Bengtsson (talk on Tracy history and how AT stole it?)

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Dissemination:

AT collab contributors

mailing list