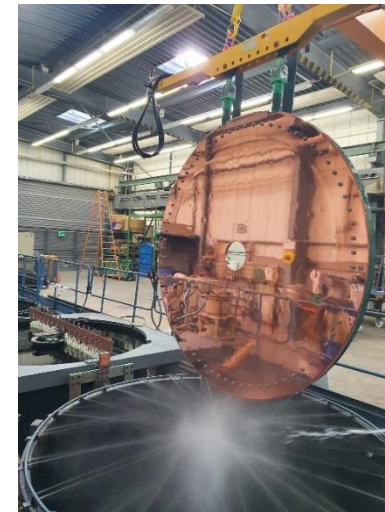


MM 16.02.2021

- **FoS:**
 - soldering of rf-coupling loop
 - half drift tubes ready and shipped to GALVANO-T
 - static tuners CU-plated
 - plating of end plates accomplished successfully
 - planning / tendering of media connections to cavity
 - set-up UHV system and data logging
- **Alvarez 2.0:**
 - meeting on Feb. 15th done, budget flow “AR105” feasible
 - preparation of Quarterly Report
 - Cu-plating of small parts: draft collaboration agreement with CERN available
- **Pulsed stripper:**
 - GBU “Explosionsschutz” signed
 - prepare valve tests at consultant through tests at GSI with N₂
 - planning of H₂ - tests with beam in 2021
 - preparation of Quarterly Report
- **Acc. Seminar:** Thursday: R. Assmann (DESY): “The EuPRAXIA plasma wakefield project”



ACCELERATOR SEMINAR

Ralph Assmann
DESY

Thursday, 18. February 2021 at 4 pm

Online-Seminar via Zoom
(ID: 915 8824 9192 / PW: 984624)

The EuPRAXIA Project for a European Research Infrastructure

Particle or laser beams can excite longitudinal fields in the order of 10-100 GV per meter in a plasma column. Those plasma wakefields have been used to accelerate electron beams by up to 42 GeV in a distance of only 1.4 m. There is the promise for a new generation of highly compact and cost-effective particle accelerators. Those concepts could help overcoming practical limitations for new accelerator facilities related to size and cost. The consortium for EuPRAXIA ("European Plasma Research Accelerator with excellence in Applications") has published the conceptual design report for a first plasma-based accelerator facility that could serve users with electrons, positrons and X rays for a variety of applications. Supported at government level by five European countries and a consortium of 40 member institutes plus 10 observers from 15 countries, the EuPRAXIA consortium has submitted an application to the European Strategy Forum for Research Infrastructures (ESFRI). The concept of the proposed European facility is presented, several innovative EuPRAXIA concepts are explained and the economical cost-benefit-analysis is discussed. The status of the project implementation and its outlook are reviewed.

Coordinator: Anja Seibel, Janet Schmitt
Secretary: Larissa Bais
<http://indico.gsi.de/conferenceDisplay.py?confid=339>

GSI **FAIR**

in order to assure the gas stripper beam time 2021, we need timely purchase of the item below:

Der Einkaufswagen, Nummer 1000237795, wurde von Ruth Schmauder freigegeben.

Informationen zum Einkaufswagen:

Beschreibung: PGERHARD 01.02.2021 11:27 Flightcase

Angelegt am: 01.02.2021

Geändert am: 01.02.2021

Anforderer: Peter Gerhard

Gesamtwert: 1.512,60 EUR