

AGENDA: Pushing The ELBE CW RF-System To High Average Beam Current Accelerator R&D Workshop at Helmholtz Zentrum Dresden – Rossendorf (HZDR)

Thursday, March-14: Location: InterCity Hotel, Wiener Platz 8, 01069 Dresden

SESSION A: Projects based on ELBE Technology

Chair: Hartmut Büttig

TALK	Presenter	Title
A1	Peter Michel / HZDR	Welcome
A2	Peter Michel / HZDR	ELBE Upgrade
A3	Avni Aksoy / TARLA	TARLA project
A4	Wolfgang Anders / HZB	BERLinPRO
A5	Robert Nietubic / NCNR	PolFEL
A6	Alan Wheelhouse /STFC/ASTeC	ALICE RF and Future Develop. Testing

SESSION B: Solid State Amplifier RF-Sources

Chair: Jochen Teichert

B1	Helmut Piel / Cryoelectra	New concept for high eff. 1.3GHz SSHPA
B2	Olivier Gonella / BRUKER	Last evolution on RF-SSPA
B3	Wolfgang Anders / HZB	TX at BERLinPRO and new TX for BESSY2
B4	Hartmut Büttig / HZDR	Substitution of Klystrons by SSPA at ELBE

SESSION C: Making It Work

Chair: Wolfgang Anders

C1	Hartmut Büttig / HZDR	Matching the 20kW SSPA system to ELBE
C2	Rico Schurig / HZDR	Thermal Problems during high current CW OP
C3	Andree Büchner / HZDR	Upgrade / Performance of the Analog LLRF at ELBE
C4	Gerald Staats / HZDR	Higher Gradients at ELBE
	Peter Michel / HZDR	Discussion and Summary

Friday, March-15: Location: HZDR-Rossendorf, Bldg. 620, Lecture Hall

SESSION D: Special Topics and ELBE

Chair: Avni Aksoy

D1	Nico Pupeter / Cryoelectra	ATCA based Digital LLRF System
D2	Matthias Hoffmann / DESY	Single cavity RF controls based on MTCA.4
D3	Gerald Staats / HZDR	RF-Component Conditioning with Resonant Ring
	Peter Michel / HZDR	To close the Workshop