

Session Program

22-24 Aug 2016

ICFA Mini Workshop on High Order Modes in Superconducting Cavities 2016

Numerical Simulations for SRF Cavities

Warnemünde, Konferenzsaal A
Technologiezentrum Warnemünde, Friedrich-Barnewitz Straße 5, 18119 Rostock Warnemünde

Monday 22 August

13:10

Numerical Simulations for SRF Cavities: Part 1

Session |

Location: Warnemünde, Konferenzsaal A, Technologiezentrum Warnemünde, Friedrich-Barnewitz Straße 5, 18119 Rostock Warnemünde

13:10–13:40

Electromagnetic Modeling and Eigenfield Analysis of Superconducting Cavities

Speaker

Wolfgang Ackermann

13:40–14:10

Characterisation of HOMs Using GSM Method in Third Harmonic Accelerating Module of E-XFEL

Speaker

Nirav Joshi

14:10–14:40

Generation of a Compendium of Resonant Modes in the Chain of Third Harmonic TESLA Cavities for the European XFEL

Speaker

Thomas Flisgen

14:40

15:10

Numerical Simulations for SRF Cavities: Part 2

Session |

Location: Warnemünde, Konferenzsaal A, Technologiezentrum Warnemünde, Friedrich-Barnewitz Straße 5, 18119 Rostock Warnemünde

15:10–15:40

Application of State-Space Concatenation Scheme to Chains of SRF Cavities

Speaker

Tomasz Galek

15:40–16:10

Study on HOM Damping Effects in SRF Cavities of the BESSY VSR Project

Speaker

Andranik Tsakanian

16:10–16:40

Direct time-domain computation of wake fields at third harmonic module of the European XFEL

Speaker

Igor Zagorodnov

17:10