

7th international school on Beam Dynamics and Accelerators

Saturday, 2 November 2024

Student Session 4: Student Session I (20:00 - 22:30)

time	[id] title	presenter
20:00	[65] Design and simulation of Electron gun and Magnet of C-Band 80MW klystron for CEPC LINAC	Mr HABIB, NOMAN
20:10	[66] Electromagnetic-thermal bi-directional coupling of SHINE injector cavity which is an 1.3 GHz cavity with twin power couplers	Mr GUO, Xinghao
20:20	[69] Analysis of parameter characteristics of the ILC e-driven positron source by Geant4	Mr SASAKI, Yodai
20:30	[70] The manufacturing and Testing of the 800 MHz RFQ at KAHVE-Lab	Mr KILICGEDIK, Atacan
20:40	[71] Why Polarized proton-proton collision matters	Mr MISHRA, Himanshu
20:50	[73] Status of single electron experiment	Mr ASAI, Yuya
21:00	[74] Investigating the Effects of Cathode-Anode Voltage and Number of Electron Emission on Electron Trajectory Simulation in 300 KeV Electron Beam Accelerator	Mr KOMARUDDIN, Komaruddin
22:00	[67] Investigating Incomplete fusion in heavy-ion reactions at low incident energies	Ms AMANJOT, AMANJOT
22:10	[68] Protons Acceleration Using High power lasers.	Mr PAL, AMAR

Sunday, 3 November 2024

Student Session 4: Student Session II (20:00 - 21:55)

time	[id] title	presenter
20:00	[75] Cascade proton acceleration with low contrast ultra-high laser	Mr QIU, Guanqi
20:10	[76] The control of the muon beam in J-PARC Muon $g-2$ /EDM experiment	Mr KAWASE, Yuta
20:20	[78] Development of TiO ₂ wide bandgap semiconductor detectors for intense pulsed proton beam monitoring at JPARC	Ms RAUT, Trupti Mangesh
20:30	[79] Photon Energy Booster of X-ray Free Electron Lasers through Compact Beam-driven Plasma Wakefield Acceleration	Mr LIU, Letian
20:40	[82] The Emittance Calculation with Envelope-Matrix	Mr YIXIAN, Dai
20:50	[84] Electron Gun Design on 6 MeV Linear Accelerator (Linac) using CST for Industrial Applications	Mr UTAMA, Rajendra Satriya
21:00	[85] Development of Terahertz-Based Particle Accelerator Weapon Systems for the Leopard 2RI Tank: Optimization and Enhancement of Military Defense Capabilities	Mr SIMANJUNTAK, Daniel Manuturi

Monday, 4 November 2024

Student Session 4: Student Session III (20:00 - 23:10)

time	[id] title	presenter
20:00	[72] Beam-Dynamics Simulations Based Arc Design for the ERL-Facility Concept DICE	Ms MOUJANI GHOMI, Fatemeh Sadat
20:10	[77] Designing an optimal ILC E-Driven positron source using machine learning	Mr KUROGUCHI, Shunpei
20:20	[80] Muon LINAC in J-PARC Muon g-2/EDM Experiment	Mr NGUYEN, PHUC
20:30	[87] Analysis of the Use of Superconducting Magnets for the Development of Cryogenic Cooling Systems in Particle Accelerators	Ms PARDJA, Jembar Lugina
20:40	[88] THz-driven accelerators : the role of PDO-THz emission sources	Mr LEE, Jaeho
20:50	[91] Design study of plasma sources for laser-plasma electron acceleration at high repetition rate	Mr LEE, Youngmin
21:00	[92] Simulation of electron beam and electromagnetic components for scanning electron microscope developing the National Astronomical Research Institute of Thailand	Mr CHAISAKULSURIN, Jormpon
22:00	[83] Comparison of the insertion device, beamline design, and beam properties of the Tender x-ray absorption (TXAS) beamline at SLRI with the new SPS-II project and TXAS' s application	Mr KAEWSUWAN, Dechmongkhon

Wednesday, 6 November 2024

Student Session 4: Student Session IV (20:00 - 22:50)

time	[id] title	presenter
20:00	[81] Equilibrium Distribution of He ⁺ Plasmas in a Penning Trap	Ms OGANE, Haruka
20:10	[86] The breakthrough vacuum technology, NEG-coating	Ms WATANABE, Ruau
20:20	[89] Simulation study on a third-order collective resonance condition in high-intensity ion beams	Mr YAMANE, Norihiro
20:30	[93] Development of an optical cavity for pre-bunched FEL oscillation	Mr KOBAYASHI, Tatsuki
20:40	[94] Study of SNICS Design for Accelerator Mass Spectrometry	Mr SAENGWISES, Natthapong
20:50	[95] Beam Dynamic Simulation and Design of Filtering System for FLASH Electron Therapy Experimental Station at PBP CMU Electron Linac Laboratory	Mr YENSOUNG, Chanatip
21:00	[96] Design of a 6 MeV Output Standing Wave Linear Accelerator Cavity	Mr MUSA, Hairum
22:00	[97] Development of Quadrupole Magnet Prototype for Booster Synchrotron of Siam Photon Source II	Mr LEETHA, thongchai
22:10	[98] The Conceptual Engineering Requirements for the ECRH System in the Thailand Tokamak-1	Mr SUKSAENGPANOMRUNG, suebsak
22:20	[99] Plasma Heating and Frequency Analysis in the Thailand Tokamak-1 (TT-1)	Mr BOONCHOO, Rattacha