Programme

LINAC2022 LIVERPOOL

Sunday 28th August		
14:00	Registration in the ACC	
16:00		Student Poster Session
18:00		
18:30		Welcome Reception
20:00		

Monday	
MO1A	Chair: Graeme Burt
08:30	Registration
09:00	Welcome: Peter McIntosh
09:15	Welcome and introduction of UK accelerators: Jim Clarke (STFC)
09:30	ISIS Linac upgrade/FETs: Alan Letchford (STFC)
10:00	Completion of FRIB Beam Commissioning: Tomofumi Maruta (FRIB)
10:30	Coffee
MO2A	Chair: Hans Weise
11:00	The Cool Copper Collider: Emilio Alessandro Nanni (SLAC)
11:30	LCLS-II Commissioning: Daniel Gonella (SLAC)
11:50	The FLASHForward Experiment at DESY: James Chappell (Oxford)
12:10	Electron-Ion Collider e- cooling Injector and ERL: Erdong Wang (BNL)
12:30	Lunch
MO1P	Chair: Stefan Choroba
14:00	Beam Commissioning and Integrated Test of the PIP-II Injector Test Facility: Eduard Pozdeyev (Fermilab)
14:20	Beam commissioning of normal conducting part and status of ESS project: Ryoichi Miyamoto (ESS)
14:40	First years of Linac4 RF operation: Suitbert Ramberger (CERN)
MOOP	Chair: John Byrd
15:00	Oral Posters
MOPO	
16:00	Posters

Tuesday	
TU1A	Chair: Catherine Madec
08:30	Status and Challenges of Nb/Cu SRF Cavities for Superconducting Linac: Mengxin Xu (IMP/CAS) REMOTE
08:50	Compact, Turn-key SRF Accelerators: Neil Stilin (Cornell)
09:10	R&D towards High Gradient CW SRF Cavities: Daniel Bafia (FNAL)
09:30	SWELL and other SRF split cavity development: Franck Peauger (CERN)
09:50	Progress of Shanghai High repetition rate XFEL aNd Extreme light facility (SHINE): Bo Liu (SARI SSRF) REMOTE
10:10	Next-generation Nb3Sn Superconducting RF Cavities: Nicole Verboncoeur (Cornell)
10:30	Coffee
TU2A	Chair: Deepak Raparia
11:00	Overview of ADS projects in the world: Bruce Yee Rendon (JAEA/J-PARC)
11:30	SPIRAL2 Final Commissioning results: Angie Karina Orduz (GANIL)
11:50	Status and beam commissioning of the RAON superconducting linac: Myeun Kwon (IBS)
12:10	High duty commissioning of IFMIF Prototype Accelerator: Kai Masuda (QST) REMOTE
12:30	Lunch
TU1P	Chair: Sami Tantawi
14:00	A Retrospective Look at Electron Guns for the Next Generation of High Brightness Injectors: Thomas Geoffrey Lucas (PSI)
14:20	Low intrinsic emittance in space-charge dominated photoinjectors: Jared Maxson (Cornell)
14:40	The physics of transverse emittance manipulations: Bruce Carlsten (LANL)
TUOP	Chair: Paolo Craievich
15:00	Oral Posters
TUPO	
16:00	Posters
18:00	WISE Event
21:00	

Wednesday	
WE1A	Chair: Lars Groening
08:30	ECR ion sources for high-intensity heavy ion beams: Hongwei Zhao (IMP/CAS) REMOTE
08:50	FACET-II: Christine Clarke (SLAC) REMOTE
09:10	Fully Automated Tuning and Recover of a High Power SCL: Andrei P. Shishlo (ORNL)
09:30	AWAKE Run 2: Giovanni Zevi Della Porta (CERN)
09:50	The Muon Linac Project at J-PARC: Yasuhiro Kondo (JAEA/J-PARC)
10:10	A new paradigm for ultra-low emittance muon beam generation based on E.R.L.: Camilla Curatolo (INFN-Milan)
10:30	
WE2A	Chair: Sandra Biedon
11:00	The CompactLight design study: Andrea Latina (CERN)
11:30	REUEF: Tanning of leather with e-beam: Robert Apsimon (Lancaster University/ Cockcroft)
11:50	Medical Radioisotopes Production Focusing on Ra-225/Ac-225, Cu-67 and Mo-99/Tc-99m Using an Electron Linear Accelerator: Takahiro Tadokoro (Hitachi)
12:10	Data Analysis and Control of a MeV Ultrafast Electron Diffraction System using Machine Learning: Mariana Andrea Fazio (UNM-ECE)
12:30	Outing

Thursday	
TH1A	Chair: Bob Laxdal
08:30	Nitrogen gas-jet curtain for windowless helium gas cell equipped with differential pumping systems: Hiroshi Imao, RIKEN REMOTE
08:50	Successful Beam Operation at 33 MV/m in STF-2 Cryomodule at KEK for ILC: Yasuchika Yamamoto (KEK) (REMOTE)
09:10	Developments Towards FRIB Upgrade to 400 MeV/u for Heaviest Uranium Ions: Kellen McGee (FRIB)
09:30	Spatiotemporal Structure in Intense THz Pulsed Beams: George Albert Hine (ORNL)
09:50	R&D of liquid lithium stripper at FRIB: Takuji Kanemura (FRIB)
10:10	Advanced low level RF (LLRF) control algorithms for CERN's proton LINAC4: Philippe Baudrenghien (CERN)
10:30	Coffee
TH2A	Chair: Peter McIntosh
11:00	High extraction efficiency operation of oscillator-type Free Electron Laser driven by a normal conducting linac: Heishun Zen (Kyoto University)
11:20	RF system Performance in the SwissFEL Linac: Carl Beard (PSI)
11:40	Accelerator development for Global Security: Sandra Biedron (Element Aero)
12:00	Student Prizes
12:30	Lunch
TH1P	Chair: Jean Delayen
14:00	Prototype Cryomodules for the SHINE Free Electron Laser at Shanghai: Yiyong Liu (ZJLab) REMOTE
14:20	Production, tests and installation of the ESS spoke, medium and high beta cryomodules: Cecilia Maiano (ESS)
14:40	Crab and deflecting cavity development for linear accelerators: Peter McIntosh (STFC)
THOP	Chair: Hakan Danared
15:00	Oral Posters
THPO	
16:00	Posters
19:00	Conference Banquet
01:00	

Friday	
FR1A	Chair: Dan Faircloth
08:30	Beam Commissioning and Operation Status of LEAF: Yao Yang (IMP/CAS) REMOTE
08:50	CSNS-II superconducting linac design: Jun Peng (IHEP/CSNS) REMOTE
09:10	Status and challenges at TRIUMF ISAC facility: Zhongyuan Yao (TRIUMF)
09:30	SARAF commissioning: Injector, MEBT and Chopper: Jonathan Dumas (CEA-IRFU)
09:50	Design Considerations for a Proton Linac for a Compact Accelerator Based Neutron Source: Bob Laxdal (TRIUMF)
10:10	Nanoparticle assisted laser-wakefield acceleration of electron beams to 10 GeV at the Texas Petawatt Laser: Bjorn Manuel Hegelich (U Texas)
10:30	Coffee
FR2A	Chair: Graeme Burt
11:00	Experimental demonstration of exponential growth of FEL radiation pilot by a plasma wakefield accelerator both laser and particle driven: Luca Giannessi
11:30	The future of medical linacs: Jonathan Farr (AVO)
12:00	Closing
13:00	Laboratory Tour
18:00	

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