Tuesday

TUA	Chair: Graeme Burt
13:30	**Introduction and Welcome** Peter McIntosh, STFC, *Chair IOC* Carsten Welsch, U Liverpool, *Chair LOC* Graeme Burt, U Lancaster, *Chair SPC*
13:50	**The Compact Linear Accelerator for Research and Applications (CLARA) at Daresbury Laboratory: Susan Smith (STFC)**
14:20	**FRIB construction, installation, SRF and beam commissioning: experience and lessons learned: Jie Wie (FRIB)**
14:50	Performance and Operational Experience with the European X-FEL Linac: Nick Walker (DESY)
15:10	Update on Fermilab's PIP-II Project: Lia Merminga (FNAL)
15:30	Coffee

TUP	Chair: Sami Tantawi
15:50	Status and perspectives of ESS linac: Hakan Danared (ESS)
16:10	Overview of High Power RFQ issues and solutions: Pisent (INFN)
16:30	Transition between different acceleration sections of Hadron Linacs: Michele Comunian, INFN
16:50	Status of MYRRHA fault tolerant linac project: Frederic Bouly (LPS)
17:10	High Power normal-conducting linacs upgrade in US: Deepak Raparia,BNL
17:30	Overview of linacs for compact neutron sources: David Baxter (IU)
17:50	SNS Proton power upgrade (PPU) and operational experience: Mark Champion (ORNL)
18:10	

Wednesday

WEA	Chair: Frank Gerigk
13:30	Development of Superconducting Linac Technology in India: Purushottam Shrivastava, RRCAT
13:50	Dislocation dynamics their role in high-gradient phenomena: Jan Paszkiewicz (Oxford/CERN)
14:10	Collaborative developments with industry for advanced accelerator applications: Anthony Gleeson (STFC)
14:30	Design and experimental validation of a mm-wave woodpile-based dielectric structure for accelerators: Giuseppe Torrisi (INFN)
14:50	Technological Advancements in Material Handling for High-Gradient Operation of an innovative braze-free accelerating structures: Luigi Faillace (INFN)
15:10	Innovative Radiometric Diagnostics for Future Linear Accelerators: Joe Wolfenden (ULIV)
15:30	Coffee

WEP	Chair: Fulvia Pilat
15:35	Women in Science and Engineering (WISE): Should I stay or should I go now?
17:10	CBETA: The first Multipass SRF Based ERL: Colwyn Gulliford (Cornell)
17:30	First linear acceleration of relativistic electrons using THz waveguides: Darren Graham (UMAN)
17:50	Accelerator on a CHIP: Dylan Black, Stanford University
	Close

Thursday

THA	Chair: Lars Groening
13:30	Commissioning of simultaneous top-up injections into 4 + 1 storage rings at KEK injector linac: Fusashi Miyahara, KEK
13:50	High-efficiency ultra-short pulses from infrared FEL oscillators for an attosecond X-ray source with high-harmonic generation: Ryoichi Hajima (QST)
14:10	A high brightness RF gun development for the SuperKEKB collider: Xiangyu Zhou, KEK
14:30	High repitition rate RF guns: Boris Militsyn (STFC)
14:50	Commissioning of high power linear induction accelerator for X-ray flash radiography at BINP: Danila Nikiforov, BINP SB RAS
15:10	Novel experiments at CLARA: Deepa Angal_Kalinin (STFC)
15:30	Coffee

THP	Chair: Marion White
15:50	Superconducting Twin-Axis Cavities - Development and Applications: HyeKyoung Park (ODU)
16:10	Particulate field emitters in CEBAF: from root-cause studies to mitigation solutions: Rong-Li Geng (Jlab)
16:30	Overview of Plasma Processing programs in the SRF community: Marc Doleans (ORNL)
16:50	Progress in Nb3Sn: on the edge of the technology revolution in SRF cavity performance: Sam Posen (FNAL)
17:10	SRF R&D for the LCLS-II High Energy Upgrade: Daniel Gonnella (SLAC)
17:30	Distributed coupling Linacs from room temperature to Superconducting: Mamdouh H. Nasr, SLAC **(Linac 20 student prize winner)**
17:50	CW RF Gun Development: Bruce Dunham (SLAC)

Friday

FRA	Chair: Hongwei Zhou
13:30	Beam reliability and stability studies in superconducting high power protonlinacs: Yuan He (IMP)
13:50	Commissioning of Superconducting Linac Booster for Heavy-Ion Linac at RIKEN: Osamu Kamigaito (RIKEN)
14:10	Demonstration of High Current Deuteron Acceleration for the LIPAc 5MeV RFQ: Keishi Sakamoto, QST
14:30	Beam commissioning of SPIRAL2 linac: Robin Ferdinand (CEA)
14:50	Brilliant beam acceleration at longitudinal phase advances far beyond 90°: Anna Rubin (GSI)
15:10	Recent development of medical linacs for high income and low-middle income countries: Manjit Dosanjh (CERN)
15:30	Coffee

FRP	Chair: Graeme Burt
15:50	High Energy ERLs for Electron Cooling: Stephen Benson (Jlab)
16:10	S30XL (aka DASEL): a new beamline for dark sector exploration: Thomas Walter Markiewicz, SLAC
16:30	Status of the LCLS-II CW X-ray FEL: Yuantau Ding (SLAC)
16:50	High Power Conditioning and Breakdown Studies in Coupled Accelerating structures: Lee Millar (Lancaster) **(Linac20 2nd prize winner talk)**
17:10	**Science case for FELs: Jon Marangos (Imperial)**
17:40	**Overview of machine learning effort for particle accelerators: Andreas Adelmann (PSI)**
18:10	Closing session

Opening/Closing

Electron Machines

Proton & Ion machines

Technology

Beam Dynamics, Extreme Beams, Sources and Beam related technology

LINAC2020 LIVERPOOL