

Linac12

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Ilan	Ben-Zvi	High Current ERL at BNL
Dan	Berkovits	Operational Experience and Future Goals of the SARAF Linac at SOREQ
Patrick	Bertrand	SPIRAL2 Accelerator Construction Progress
Kip	Bishofberger	Emittance-partitioning Strategies for Future Accelerator Applications
Christine	Clarke	Plasmas, Dielectrics and the Ultrafast: First Science and Operational Experience at FACET
Gianluigi	Clemente	Development of H-mode Linacs for the FAIR Project
John	Corlett	Review of FEL Projects
Roberto	Corsini	Status and Future of the CLIC Study
Gerardo	D'Auria	Application of X-band Linacs
Subashini	De Silva	Compact Superconducting Crabbing and Deflecting Cavities
Winfried	Decking	Status of the European XFEL – Constructing the 17.5 GeV Superconducting Linear Accelerator
Jean	Delayen	Superconducting Spoke Cavities for Electron and High-Velocity Proton Linacs
Shinian	Fu	Linac Construction for China Spallation Neutron Source
John	Galambos	Increased Understanding of Beam Losses from the SNS Linac Proton Experiment
Frank	Gerigk	Design and Construction of the Linac4 Accelerating Structures
Raphael	Gobin	Light Ion ECR Sources State of the Art for Linacs
Ryoichi	Hajima	Linac-Based Laser Compton Scattering X-Ray and Gamma-Ray Sources
Kazuo	Hasegawa	Recovery of the J-PARC Linac from the Earthquake
Hitoshi	Hayano	Results Achieved by the S1-Global Collaboration for ILC
Stuart	Henderson	Status of Fermilab Project X
Mark	Kemp	Solid State Marx Modulators for Emerging Applications
Masaaki	Kitaguchi	Accelerator/Decelerator of Slow Neutrons
Yukinori	Kobayashi	ERL-Based Light Source Challenges
Shane	Koscielniak	The ARIEL Superconducting Electron Linac
Hyeok-Jung	Kwon	Status and Commissioning Plan of the PEPF 100-MeV Linear Accelerator
Mats	Lindroos	The ESS Linac Design
Victor	Malka	Recent Achievements on Laser Plasma Accelerators
Felix	Marti	Heavy Ion Strippers
Oliver	Meusel	FRANZ – Accelerator Test Bench and Neutron Source
Nathan	Moody	First Electron Beam Operation of the LANL NCRF Photoinjector
Colin	Morton	In Flight Ion Separation using a Linac Chain
Alban	Mosnier	Status of the IFMIF-EVEDA 9 MeV 125 mA Deuteron Linac
Jeffrey	Neilson	High-Field Short-Period Microwave Undulators
Yuji	Otake	Overview of SACL Machine Status
Weimin	Pan	Chinese ADS Project and Proton Accelerator Development
Fulvia	Pilat	The 12 GeV Energy Upgrade at Jefferson Laboratory
Tor	Raubenheimer	LCLS Operation Experience and LCLS-II Design
Jacob	Rodnizki	SARAF Phase II P/D 40 MeV Linac Design Studies
Amit	Roy	Superconducting Linac and Associated Developments at IUAC Delhi
Naruhiko	Sakamoto	Commissioning of a New Injector for the RIKEN RI-Beam Factory
Elazar	Sarid	Antihydrogen Trapping and Probing at the Alpha-CERN Experiment
Guy	Savard	Commissioning and Operation of the Californium Rare Ion Breeder Upgrade at the ATLAS facility
Holger	Schlarb	Synchronization of Accelerator Sub-systems with Ultimate Precision
Rebecca	Seviour	Advances in Photonic and Metamaterial RF structures
Yin-E	Sun	Electron Beam Current-profile Shaping via Transverse-to-longitudinal Phase-space Exchange
Igor	Syratchev	RF Power Production at the Two Beam Test Stand at CERN
Jie	Wei	FRIB Accelerator Status and Challenges
Vyacheslav	Yakovlev	SRF Linac Technology Development at Fermilab
Akira	Yamamoto	Status of ILC
Frank	Zimmermann	ERL-Based Lepton-Hadron Colliders: eRHIC and LHeC

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Dana	ARENIUS	Cryogenics Plants for SRF Linacs
Pierre-Emmanuel	BERNAUDIN	SPIRAL2 Cryomodule Production Results and Analyses
Julien	BRANLARD	Low Level RF for SRF Accelerators
Hans-Heinrich	BRAUN	Status of Swiss FEL
Alexander	BRYAZGIN	High-Power Industrial Accelerator ILU-14 for E-beam and X-ray processing
Yong-Sub	CHO	Beam Commissioning of the 100 MeV KOMAK Linac
Alberto	DEGIOVANNI	Proton and Carbon Linacs for Hadron Therapy
Guillaume	DEVANZ	Superconducting Cavities and Cryomodules for Proton and Deuteron Linacs
Amos	DEXTER	Phase Locked Magnetrons for Accelerators
Yuantao	DING	Results from the LCLS X-band Transverse Deflector with fs Longitudinal Resolution
Mohammad	ESHRAQI	Cost Optimized Design of High Power Linacs
Michael Vincent	FAZIO	New X-band and Above High Gradient Linacs
John	GALAYDA	The New LCLS-II Project Status and Challenges
Alexej	GRUDIEV	New Applications of High Gradient RF Linacs
Edda	GSCHWENDTNER	AWAKE: Advanced Proton Driven Plasma Wakefield Acceleration Experiment at CERN
Kazuo	HASEGAWA	Commissioning of Energy Upgrade Linac of J-PARC
Ralf	HEICHORN	R&D Efforts for ERLs
Erik	HEMSING	Demonstration of a Cascaded IFEL
Curt	HOVATER	Operation Experience with CW High Gradient and High QL Cryomodules
Morten	JENSEN	High Power RF sources for the ESS RF Systems
HyungJin	KIM	Status of RAON Heavy Ion Accelerator Project
In Soo	KO	Current status of PAL-XFEL
Arik	KREISEL	Acceleration of mA CW Proton Beams in SARAF Phase-I
Sergey	KUTSAEV	CW Heavy Ion Accelerator with Adjustable Energy for Material Science
Aurelia	LAXDAL	Allison Scanner Emittance Diagnostic Development at TRIUMF
Robert	LAXDAL	Status of superconducting Electron Linac Driver for Rare Ion Beam Production at TRIUMF
Valeri	LEVEDEV	Linac to support Megawatt Proton Operations at Fermilab
Alessandra	LOMBARDI	Commissioning of the Low Energy Part of Linac4
Zulfikar	NAJMUDIN	Production of Energetic Ions Beams Using High Intensity Lasers
Brendan	O'SHEA	Demonstration of Gigavolt-per-meter Accelerating Gradients using Cylindrical Dielectric-lined Waveguides
Mark	PALMER	The Muon Accelerator Program Research Effort
Sam	POSEN	Nb3Sn - Present Status and Potential as an Alternative SRF Material
Roman	REVENKO	SPIRAL2 Bunch Extension Monitor
Jean-Pierre	REVOL	Prospects for Accelerator Driven Thorium Reactors
Alexander	ROMANENKO	Breakthrough Technology for Very High Quality Factors in SCRF Cavities
Kenji	SAITO	Superconducting RF Development for FRIB at MSU
Andrei	SHISHLO	Model and Beam Based Setup Procedures for a High Power Hadron Superconducting Linac
Yehoshua	SOCOL	Positive Trends in Radiation Risk Assessment and Consequent Opportunities for Linac Applications
Michael	SPATA	Early Commissioning and Operation in 12GeV CEBAF + Future Upgrade Plan
Sterinar	STAPNES	Linear Collider Studies
Frank	STEPHAN	RF Guns for FELs
Jacek	SWIERBLEWSKI	Large Scale Testing of SRF Cavities and Modules
Takashi	TANAKA	Challenges towards Attosecond and Zeptosecond XFELs
Sara	THORIN	The MAX IV Linac
Alexey	TRIBENDIS	Construction and RF Conditioning of the Cell-Coupled Drift Tube Linac (CCDTL) for Linac4 at CERN
Christina	VACCAREZZA	Optimizing RF Linacs as Drivers for Inverse Compton Sources the ELI-NP case
Walter	VENTURINI	Status of the HIE ISOLDE Linac
Chen	XIAO	Single-Knob Beam Line for Transverse Emittance Partitioning
Sheng	WANG	Linac Construction Status of CSNS Project
Christoph	WIESNER	Chopping High Intensity Ion Beams at FRANZ
Mitsuhiro	YOSHIDA	Generation and Acceleration of Low Emittance, High Current Electron Beams for Super-KEKB
Hongwei	ZHAO	C-ADS Linac R&D Progress