



The QR Code above is a Link to this Agenda



| Sunday 25th August |                        |
|--------------------|------------------------|
| 14:00              | Registration           |
| 16:00              | Student Poster Session |
| 18:00              |                        |
| 18:30              |                        |
| 20:00              |                        |
|                    | Welcome Reception      |

| Monday |  |
|--------|--|
| MOXA   | Chair: Marion White  |
| 8:30   | Registration   |
| 9:00   |  |
| 9:15   | Welcome - Young-Ke Kim (University of Chicago), John Byrd (Argonne), and Sam Posen (FNAL)                              |
| 9:30   | Donato Passarelli (FNAL)<br>The Future of the Fermilab Accelerator Complex with the new PIP-II linac                   |
| 10:00  | Xueying Lu (NIU, ANL)<br>Recent advances in normal conducting radiofrequency linac structures                          |
| 10:30  | Coffee   |
| MOYA   | Chair: Sam Posen   |
| 11:00  | Baoxi Han (ORNL)<br>Breaking Through 100 mA H- Ion Source Output Current at SNS  |
| 11:30  | Julian Litzel (Uni. Nuremberg)<br>Coherent Nanophotonic Electron Accelerator   |
| 11:50  | Lucas Schaper (DESY)<br>Operation of FLASH above 1.3 GeV and below 4 nm  |
| 12:10  | Zhan JIN (Osaka Uni.)<br>Current Status of LWFA Development Towards Robust Table-top XUV-FEL                           |
| 12:30  | Lunch  |
| MOZA   | Chair: Peter Ostroumov   |
| 14:00  | Alexander Knetsch (SLAC)<br>High Average Gradient in a Laser-Gated Multistage Plasma Wakefield Accelerator             |
| 14:20  | Oksana Chubenko (NIU)<br>State-of-the-Art Photocathodes for Bright-Beam and Spin-Polarized-Beam Generation             |
| 14:40  | Nathan Majernik [SLAC]<br>Beam Shaping Using an Ultra-High Vacuum Multileaf Collimator and Emittance Exchange Beamline |
| MOAA   | Chair: Peter Ostroumov   |
| 15:00  | Oral Posters   |
| MOPB   |  |
| 16:00  | Posters - 16:00 - 18:00  |

| Tuesday |  |
|---------|--|
| TUXA    | Chair: Catherine Madec   |
| 8:30    | Sang-ho Kim (ORNL)<br>Status of the Spallation Neutron Source Proton Power Upgrade                                 |
| 8:50    | Henry Przybilski (ESS)<br>The Installation and Technical commissioning of the ESS Superconducting Linac            |
| 9:10    | Jens Osterhoff (LBNL)<br>The 10-TeV Wakefield Accelerator Collider Design Study                                    |
| 9:30    | Peter Ostroumov (FRIB)<br>First Two Years of FRIB Operation  |
| 9:50    | Angie Orduz (GANIL)<br>SPIRAL2 operations and future plans   |
| 10:10   | Huachang Liu (Dongguan Neutron Science Center)<br>CSNS Linac Energy Upgrade  |
| 10:30   | Coffee   |
| TUYA    | Chair: Charles Thangaraj   |
| 11:00   | Camille Ginsburg (US-DOE)<br>Accelerator Science and Technology at the U.S. Department of Energy Office of Science |
| 11:30   | Lightning talks by participating industries  |
| 11:50   |  |
| 12:10   |  |
| 12:30   | Lunch  |
| TUZA    | Chair: Jean Delayen  |
| 14:00   | Philip Burrows (Oxford)<br>Status and Plans for the High-Energy Linear e+e- Collider Projects: ILC, CLIC and C3    |
| 14:20   | Branko Popovic (ANL)<br>Fabrication and Beam Testing of a 180 GHz Co-linear Wakefield Accelerator                  |
| 14:40   | Zhijun Wang (IMP-CAS)<br>The Progress of CIADS Linac and first ever beam acceleration                              |
| TUAA    | Chair: Jean Delayen  |
| 15:00   | Oral Posters   |
| TUPB    |  |
| 16:00   | Posters - 16:00 - 18:00  |
| 18:00   |  |
| 20:30   | WISE+ Event  |

| Wednesday |  |
|-----------|--|
| WEXA      | Chair: Branko Popovic  |
| 8:30      | Masaharu Sato (KEK)<br>Status of the iBNCT Accelerator   |
| 8:50      | Marie Czwalińska (DESY)<br>Advances in fs-Synchronisation  |
| 9:10      | Eduard Prat (PSI)<br>Sub-Femtosecond Time-Resolved Measurements of Electron and Photon Beams                         |
| 9:30      | Hao Guo (IMP-CAS)<br>Full Automatic Clean Assembly of HWR Cavity   |
| 9:50      | Alexander Scheinker (LANL)<br>Adaptive Machine Learning with Hard Physics Constraints for 6D Phase Space Diagnostics |
| 10:10     | Subashini De Silva (ODU)<br>Crabbing Cavity System Development for International Linear Collider                     |
| 10:30     | Coffee   |
| WEYA      | Chair: Hans Weise  |
| 11:00     | Sami Tantawi (SLAC)<br>Distributed Coupling Linacs: A Paradigm Shift in Linear Accelerator Design                    |
| 11:30     | Carlo Rossi (CERN)<br>The Deep Electron FLASH Therapy Facility   |
| 11:50     | Pantaleo Raimondi (FNAL)<br>PIP-II: An International Endeavor to Enable Neutrino Science                             |
| 12:10     | William Graves (ASU)<br>Results from Compact X-ray Light Source Commissioning  |
| 12:30     | Outing   |

| Thursday |  |
|----------|--|
| THXA     | Chair: Chair: Dong-O Jeon  |
| 8:30     | Adrien Plaçais (LPSC)<br>Automatic Retuning of Superconducting Linacs using LightWin   |
| 8:50     | Chang-Kyu Sung (PAL)<br>Utilization of corrugated dechirper at the PAL-XFEL  |
| 9:10     | Chen Xiao (GSI)<br>Matched Transport of Intense and Coasting Beams through Quadrupole Channels   |
| 9:30     | Kilean Hwang (FRIB)<br>Machine-Learning-Assisted Beam Tuning at FRIB   |
| 9:50     | Tom Powers (JLAB)<br>An Overview of Plasma Processing of SRF Cavities at JLAB  |
| 10:10    | Steve Lidia (FRIB)<br>Wide Dynamic Range Diagnostics System for Primary and Secondary Beams at FRIB  |
| 10:30    | Coffee   |
| THYA     | Chair: LINAC26 Hyung Jin Kim   |
| 11:00    | Ji-Ho Jang (IBS Korea)<br>Commissioning of the RAON Superconducting Linac MC3 Asia Korea   |
| 11:30    | Jinfeng Yang (Osaka Uni.)<br>Design of Ultrafast Electron Microscopy with Superconducting RF Gun   |
| 11:50    | Stephen Milton (Tau)<br>High Charge, 10-GeV Electron Bunches from a 10-cm Long, Nanoparticle Assisted, Laser Wakefield Accelerator: Our Next Steps |
| 12:10    | Student Prize Session  |
| 12:40    | Lunch  |
| THZA     | Chair: Robert Laxdal   |
| 14:00    | Axel Brachmann (SLAC)<br>Commissioning of LCLS-II  |
| 14:20    | Hiroshi Sakai (KEK)<br>Various Applications of SRF Linear Accelerators in KEK  |
| 14:40    | Julien Branlard (DESY)<br>RF-based energy savings at the FLASH and European XFEL linacs  |
| THAA     | Chair: Robert Laxdal   |
| 15:00    | Oral Posters   |
| THPB     |  |
| 16:00    | Posters - 16:00 - 18:00  |
| 19:00    |  |
| 23:00    | Conference Banquet   |

| Friday |   |
|--------|---|
| FRXA   | Chair: Kathy Harkay   |
| 8:30   | Hendrik Hänel (Göthe Uni)<br>High power tests of an additive manufacturing IH-type cavity   |
| 8:50   | Feng Qiu (IMP-CAS)<br>Machine Learning-Based Fault Classification in Superconducting Cavities at Chinese ADS Front-end Demo SRF Linac |
| 9:10   | Philipp Kolb (TRIUMF)<br>SRF Coaxial Resonators for Hadron Acceleration   |
| 9:30   | Edgar Sargsyan (CERN)<br>Operational Experience and Reliability of the new CERN Linac4  |
| 9:50   | Mengxin Xu (IMP-CAS)<br>Status of HIAF iLinac SC cavity system at IMP   |
| 10:10  | Benjamin Bromberg (RI)<br>Using an Electron Linac to Improve the Sustainability of Diamond Mining                                     |
| 10:30  | Coffee  |
| FRYA   | Chair: John Byrd  |
| 11:00  | Akira Myazaki (UC Paris)<br>The Quest for High Gradient and High Q in SRF Cavities  |
| 11:30  | James Rosenzweig (UCLA)<br>Free-electron Lasers for Advanced Semiconductor Manufacturing Needs  |
| 12:00  | Stephen Streiffer (ORNL)<br>High Power Hadron Linacs; The Spallation Neutron Source Proton Power Upgrade and a Look to the Future     |