VIRTUAL PROGRAM IPAC20

Monday 11 May **09:00**	**Opening Session** (pre-recorded plus live chat)
Monday 11 May **14:00**	MC1 **Circular and Linear Colliders** and MC2 **Photon Sources and Electron Accelerators** presentations released

https://www.ipac20.org/virtual-conference-access/
You need to be **registered** and **connected** to your account to access the conference (must accept policies)

MON MAY 11 morning - Opening Session (pre-recorded plus interactive chat)

09:00   Opening Session

M. Seidel, R. Assmann, F. Chautard   **Welcome to IPAC'20 and Opening Remarks**

Navin Alahari, GANIL   **Virtual Welcome to Caen**
New Horizons in Nuclear Science: GANIL and Beyond

Fabiola Gianotti, CERN   **Status of the Update of the European Strategy for Particle Physics**

Jerry Hastings, SLAC   **Accelerator-based photon science and its benefits for society**
speaker online in chat in following periods: ...

Sarah Cousineau, ORNL   **Accelerator R&D as a driver for Science**
speaker online in chat in following periods: Tue 19:00 – 20:00, Wed 19:00 – 20:00

Ben Shepherd, STFC/DL/ASTEC   **Permanent Magnets for Accelerators**
speaker online in chat in following periods: Mo 09:30-12:00, Tu 09:30-13:30, Th 11:00-13:30

Chang Hee Nam, IBS   **Laser-Driven GeV Electron Acceleration and Exploration of Nonlinear Compton Scattering with PW Lasers**
speaker online in chat in following periods: ...

MON MAY 11 afternoon – Sessions MC1 and MC2 (pre-recorded plus interactive chat)

14:00   MC1 Circular and Linear Colliders

Anke-Susanne Müller, KIT   **The Future Circular Collider Study**
speaker online in chat in following periods: ...

Ferdinand Willeke, BNL   **Designs of Electron Ion Colliders**
speaker online in chat in following periods: ...

Kyo Shibata, KEK   **Highlights from SuperKEKB Beam Commissioning**
speaker online in chat in following periods: ...

Fanglei Lin, JLAB   **Exploration of Positron Beams for New Frontier Research**
speaker online in chat in following periods: ...

Alexei Fedotov, BNL   **First Demonstration of Electron Cooling in a Collider**
speaker online in chat in following periods: Mon 15:00 – 17:00, Tue 15:00 – 17:00

WED MAY 13 – Sessions MC5 and MC6 (pre-recorded plus interactive chat)

09:00   MC5 Beam Dynamics and EM Fields

Andreas Streun, PSI	**Use of Reverse Bending Magnets in MBA Lattices** *speaker online in chat in following periods: ...*
Simona Bettoni, PSI	**Effect of Long Response Time Photocathode Materials on Microbunching Instability in Free Electron Laser Facilities** *speaker online in chat in following periods: ...*
Rachel Margraf, Stanford U.	**Microbunch Rotation as an Outcoupling Mechanism for Cavity-based X-Ray Free Electron Lasers** *speaker online in chat in following periods: ...*
Gang Xu, IHEP	**Longitudinal Injection Using Multi-Frequency RF System** *speaker online in chat in following periods: ...*
Francis Cullinan, MAX IV	**Longitudinal Stability with Landau Cavities at MAX IV** *speaker online in chat in following periods: ...*
Aliaksei Halavanau, SLAC	**Hollow Electron Beams in a Photoinjector** *speaker online in chat in following periods: ...*
Simone Di Mitri, Elettra	**Mitigation of Microbunching Instability for Improved FEL Spectral Brightness** *speaker online in chat in following periods: ...*

09:00 MC6 Beam Instrumentation, Controls, Feedback and Operational Aspects

Lingrong Zhao, LLP Shanghai **Terahertz Oscilloscope for Ultrashort Electron Beams Diagnostics**
speaker online in chat in following periods: ...

Nazanin Samadi, PSI **Review of Source Size Measurement Techniques for Low-Emittance Synchrotron Sources**
speaker online in chat in following periods: ...

Alexander Scheinker, LANL **Adaptive Feedback Control and Machine Learning for Particle Accelerators**
speaker online in chat in following periods: ...

Pascal Anger, GANIL **Safety Classified Systems for the Respect of Nuclear Requirements of SPIRAL2 Facility**
speaker online in chat in following periods: ...

Elena Fol, CERN **Machine Learning Techniques for Optics Measurements and Corrections**
speaker online in chat in following periods: ...

Yaoyao Du, IHEP **Development of Digital Beam Position Monitor for HEPS**
speaker online in chat in following periods: ...

THU MAY 14 Morning – Sessions MC7 and MC8 (pre-recorded plus interactive chat)

09:00   MC7 Accelerator Technology

Charlotte Barbier, ORNL   **A 2MW Mercury Target for Neutron Production**
speaker online in chat in following periods: Thu 14:00-16:00

Pedro Costa Pinto, CERN   **In-Situ Amorphous Carbon Coating of the Beam Screens of LHC's Standalone Magnets**
speaker online in chat in following periods: ...

Deepa Angal-Kalinin, STFC   **Full Energy Beam Exploitation Beam Line on CLARA for Novel Applications**
speaker online in chat in following periods: ...

Pei Zhang, IHEP   **Global Production of SRF Systems**
speaker online in chat in following periods: ...

Anna Szwangruber, GSI   **SIS100 Dipoles from Design to Testing of Series Magnets**
speaker online in chat in following periods: ...

Gianluigi Ciovati, JLAB   **RF Test Results of a Superconducting Cavity Cooled by a Cryocooler**
speaker online in chat in following periods: Thu 14:00 – 15:30, Fri 19:30 – 21:00

Bianca Giaccone, FNAL   **Plasma Processing to Reduce Field Emission in LCLS-II 1.3 GHz SRF Cavities**
speaker online in chat in following periods: ...

Haesoo Jeong, RFHIC   **High Efficient GaN/SiC Solid-State Technology for 1.3GHz Superconducting Cavity RF Power Source**
speaker online in chat in following periods: ...

Gaël Le Bec, ESRF   **Magnetic Measurements and Fiducialisation of the ESRF-EBS Magnets**
speaker online in chat in following periods: Th10:00 - 11:30, Th 14:00 - 16:30, Fr 10:30 - 11:30

Mamdouh Nasr, SLAC   **Cryogenic-Copper Accelerating Structures: New Frontier for Beam Brightness, Efficiency and Cost-Capability**
speaker online in chat in following periods: ...

Taekyun Ha, PAL   **Introduction to 3D Printing Techniques for Accelerator Vacuum Systems**
speaker online in chat in following periods: ...