

1st IPM Workshop on Accelerator Physics and Engineering:

Fundamentals of Particle Accelerators

Design and Construction

October 11-12, 2023 (Mehr 19-20, 1402)

School of Particles and Accelerators

IPM, Tehran, Iran

- History of Accelerator Physics
- Theory and Design of Charged Particle Beams
- Introduction to Magnet Design in Accelerator Machines
- RF Engineering and Cavity Beam Interactions
- Introduction to Ultra-High Vacuum Systems in Accelerator Machines
- Plasma Wakefield Acceleration, a Promising Path to the Next Generation of Accelerators
- Applications of Particle Accelerators in Science and Technology
- ILSF's R&D labs and LINAC Visit

More information:

Workshop link: <https://particles.ipm.ir/conferences/2023/AcceleratorSchool/index.jsp>

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