

Channeling 2024

CHARGED & NEUTRAL PARTICLES CHANNELING PHENOMENA



8 - 13 September 2024

Riccione (Rimini) Italy



<https://www.corallohotel.com>



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F. Casarin, L. Natoli

General Topics

- coherent scattering of relativistic charged particles in strong fields;
- crystal channeling, volume capture/reflection of hadron & lepton beams;
- energetic ion interactions processes;
- electromagnetic radiation by charged particles in periodic structures;
- channeling of radiations in capillary systems;
- novel techniques for beams handling & acceleration;
- advanced x-ray & neutron optics;
- applications based on channeling phenomena

Satellite Workshops

- CHANNELING APPLICATIONS FOR FCC AND OTHER FUTURE ACCELERATORS
- LASER AND PARTICLE GUIDING IN PLASMAS AND RELATED PHENOMENA

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Web: <http://www.lnf.infn.it/conference/channeling2024>

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