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2nd Plasma Astrophysics School and Workshop

May 12–15, 2026

Shilla Stay Haeundae, Busan, Republic of Korea

Scientific Rationale

Plasma physical processes play an important role in astrophysics, space physics, and laboratory plasma physics. They govern the dynamics of the Earth's magnetosphere and the solar wind, and are involved in a wide range of observed phenomena in the interstellar and intergalactic media. At the same time, controlled plasma experiments in the laboratory -- ranging from magnetic confinement fusion to laser-plasma interactions -- provide essential insights into fundamental plasma processes relevant to astrophysical and space environments. A deeper understanding of plasma physics is therefore crucial for unraveling the complex behaviors of astrophysical and space systems, as well as for advancing laboratory techniques that bridge fundamental science and applications.

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