

Plasma physics

Session organizer

1. Pablo García Martínez, Universidad Nacional de Río Negro, Centro Atómico Bariloche, CONICET, San Carlos de Bariloche, Argentina.

Description

This session gathers original contributions on Plasma Physics with special emphasis on numerical methods. A wide variety of fields is encompassed including fusion research, magnetic confinement, beam plasmas, laser-plasma interaction, dusty and low temperature plasmas, as well as space and astrophysical plasmas and basic plasma phenomena. It covers both algorithm development and the latest simulation results. A major aim is to bring together different fields of computational plasma physics who share common algorithmic issues to broaden discussion and cross discipline interaction.