

Keynote: Supercomputação encontra plasmas extremos

Tuesday, 15 November 2022 11:00 (20 minutes)

Marija Vranic obtained her MSc degree from University of Belgrade, Serbia and her PhD at Instituto Superior Tecnico in Lisbon, Portugal. After PhD, she was working in Extreme Light Infrastructure in Prague, Czech Republic, and then returned to Portugal. Her research is focused on plasmas in extreme conditions, where quantum effects can affect the collective plasma dynamics. She combines analytical theory and massively parallel computer simulations to perform the studies relevant for state-of-the-art and near-future laser experiments using the most intense lasers in the world. Marija is a winner of the international John Dawson PhD thesis prize (best PhD thesis worldwide in the field of plasma-based accelerators), the IBM Scientific Prize, Ada Lovelace PRACE award and IUPAP young researcher prize for plasma physics.

Presenter: VRANIC, Marija (IST-UL, Vencedora concurso Ada lovelace PRACE)