

Session Program

13-17 Jul 2026

The Sixth Zeldovich meeting ***Strong fields and dark matter***

ICRANet, Pescara, Italy
Piazza della Repubblica, 10, Pescara, Italy

Wednesday 15 July

09:00

Strong fields and dark matter

Session | **Location:** ICRANet, Pescara, Italy, Piazza della Repubblica, 10, Pescara, Italy

09:00–09:35

Photon Acceleration in Magnetized Plasma: A Potential Source of Fast Radio Bursts

Speaker

Prof. Sergey Bulanov

09:35–10:10

Nuclear physics and astrophysics driven by intense lasers

Speaker

Yuanbin Wu

10:10–10:45

Cooling and emission of newborn quark stars

Speaker

Gregory Vereshchagin

10:45–11:15

Coffee break

11:15–11:50

Demonstration of Nonlinear Compton Scattering in the Strongly Nonlinear Regime with Its Implications to High-energy Astrophysics

Speaker

Chul Min Kim

11:50–12:25

Dark matter effects in compact object dynamics and interior structure

Speaker

Jorge Armando Rueda Hernandez

12:25–13:00

Self-Confined Quarks: A General Relativistic Perspective on Strong Nuclear Forces

Speaker

Prof. Yousef Sobouti

13:00