Session Program

Aug 24 – 28, 2026

6th Hel.A.S. Astrophysics Summer School

Lectures

Department of Physics, NKUA
University Campus GR-157 84 Zografou, Athens

Mon, August 24

11:00 AM – 12:00 PM

Lectures: X-ray missions current and future - G. Vasilopoulos

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

12:00 PM – 1:00 PM

Lectures: Astrophysics with GeV gamma rays (Fermi) - S. Buson

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

2:30 PM – 3:30 PM

Lectures: Astrophysics with VHE gamma-rays (CTA) - M. Cerruti

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

3:30 PM – 4:30 PM

Lectures: VHE gamma-ray detection and analysis - M. Cerruti

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

Tue, August 25

9:00 AM – 10:00 AM

Lectures: UHECRs: experimental results and astrophysical importance - F. Oikonomou

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

10:30 AM – 11:30 AM

Lectures: Astrophysical sources of UHECRs - F. Oikonomou

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

11:30 AM – 12:30 PM

Lectures: Astrophysical high-energy neutrinos - M. Petropoulou

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

3:00 PM – 4:00 PM

Lectures: Modeling of astrophysical neutrino sources - M. Petropoulou

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

Wed, August 26

9:00 AM – 10:00 AM

Lectures: Cross correlation studies of neutrino and gamma-ray sources - S. Buson

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

3:00 PM – 4:00 PM

Lectures: X-ray time-domain astrophysics - G. Vasilopoulos

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

Thu, August 27

9:30 AM – 10:30 AM

Lectures: Neutrino detectors - E. Tzamariudaki

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

11:00 AM – 12:00 PM

Lectures: Astrophysical neutrinos with KM3NeT - E. Tzamariudaki

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

12:00 PM – 1:00 PM

Lectures: Lectures: Astrophysical counterparts of GW sources - N. Sravan

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

5:00 PM – 6:00 PM

Lectures: Cosmic Rays at Earth - M. Gerontidou

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

Fri, August 28

9:30 AM – 10:30 AM

Lectures: Gravitational waves and astrophysical importance - N. Karnesis

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens

11:00 AM – 12:00 PM

Lectures: Gravitational wave detection and analysis - N. Karnesis

Session | **Location:** Department of Physics, NKUA, University Campus GR-157 84 Zografou, Athens