

BICOMMUNAL SCHOOL IN PHYSICS

NOVEMBER 30 – DECEMBER 3, 2023, NICOSIA, CYPRUS

CLASSES WILL TAKE PLACE AT THE HOME OF COOPERATION IN NICOSIA

(Markou Drakou 28, Nicosia 1102)

PROGRAMME

Thursday, November 30

14:00 – 14:15 - *Registration*

14:15 – 14:30 – *Opening Remarks*

14:30 – 15:45 – *Space-time: Introduction to Special Relativity*, Haris Panagopoulos

15:45 – 16:00 – *Coffee and cookies*

16:00 – 17:15 – *The Strong Interactions and their role in the Evolution of the Universe*,
Constantia Alexandrou

17:15 – 17:30 – *Discussion break*

17:30 – 18:30 – *Physics of Modern and Future Technology*, Theodosis Trypiniotis

Friday, December 1

10:00 – 11:15 – *Space-time: Introduction to Special Relativity*, Haris Panagopoulos

11:15 – 11:30 – *Discussion break*

11:30 – 12:45 - *The Strong Interactions and their role in the Evolution of the Universe*,
Constantia Alexandrou

13:00 – 14:30 – *Lunch at the home of cooperation*

14:30 – 15:45 – *Gravity, Cosmology, Black Holes and Holography*, Nicolaos Toubas and
Yiannis Dalianis

15:45 – 16:30 – *Coffee and cookies, Discussion break*

16:30 – 17:30 – *Physics at the University of Cyprus, Halil Saka*

18:00 – 20:00 – *Dinner and party in Nicosia*

Saturday, December 2

***The events of this day will take place at the Physics Department at the University of Cyprus.*

10:00 – 11:15 – *Adventures with Elementary Particles, Fotis Ptochos and Halil Saka*

11:15 – 11:30 – *Discussion break*

11:30 – 12:45 – *Adventures with Elementary Particles, Fotis Ptochos and Halil Saka*

13:00 – 14:30 – *Lunch at the University of Cyprus*

14:30 – 18:00 – *Excursion to the Planetarium at Troodos and dinner in Nicosia*

Sunday, December 3

10:00 – 11:15 – *The quantum world, Annenberg learner documentary, Nicolaos Toumbas and Yiannis Dalianis*

11:15 – 11:30 – *Discussion break*

11:30 – 12:45 – *Physics at the Nanoscales, Grigorios Itskos*

13:00 – 14:30 – *Lunch at the home of cooperation*

14:30 – 20:00 – *Excursion to Saint Ilarionas Castle and dinner in Kyrenia*