

16th IUVSTA International Summer School on Physics at Nanoscale



Tuesday 8 June 2021 - Thursday 10 June 2021

Cukrovarnicka

Scientific Programme

The school aims at presenting current trends of research at both, tutorial, as well as state-of-the-art levels. The school will also connect the fundamental research to the vital areas of technology: nano-electronics, renewable energy and life science applications.

Surfaces and nanostructures for electronics

Lectures on topics on Surfaces and nanostructures for electronics will address some of the modern techniques which constitute basis of modern life.

Nanophotonics / Plasmonics

Photonics permeates wide range of modern applications. The use of nanostructures in its field subfield of plasmonics offers a bridge to nanoelectronics.

Spins and spin waves

Spintronics offers a revolutionary change to our information science and technologies, far above contemporary use in information storage.

School organization