

# **2nd School for Particle Detectors and Applications at KNU (SPDAK 2021)**

**Thursday, January 21, 2021 - Friday, January 22, 2021**

**Online (Zoom meeting)**

## **Scientific Program**

The methods to detect particles depend on their energy and properties.

SPDAK 2021 provides lectures on the detection methods for particles ranging from  $\mu\text{eV}$  to  $\text{TeV}$ . Also, lectures on trigger and fast electronics which are the essential knowledge for particle physics experiments are offered.

Design for future lepton collider ( $e^+e^-$ ) and 100  $\text{TeV}$  experiments

Calorimeter

Silicon detector

Scintillator and crystals

Radiation detection

Photon detection in a new way

Trigger

Fast electronics