26th Vietnam School of Physics: Particles and Dark Matter

dimanche 29 novembre 2020 - vendredi 11 décembre 2020

Quy Nhon

Programme Scientifique

The following topics will be covered:

Standard Model (Cao Hoang Nam, Phenikaa University, Hanoi, Vietnam) - *onsite*

Introduction to QCD (Le Duc Ninh, ICISE, Quy Nhon, Vietnam) - *onsite*

Experimental methods and physics at the LHC I (Nhan Tran, Fermilab, USA) - *online*

Experimental methods and physics at the LHC II (Sezen Sekmen, Kyungpook National University, Korea) - *online*

Beyond the Standard Model (Kwang Sik Jeong, Pusan National University, Korea) - *online*

Dark Matter (Mitsuru Kakizaki, University of Toyama, Japan) - *online*

Tools and Monte Carlo (Kentarou Mawatari, Iwate University, Japan) - *online*

Machine Learning for particle physics (Anja Butter, Heidelberg University, Germany) - *online*

There will also be exercises and hands-on classes, as well as short student seminars. Onsite lectures will be broadcasted online for remote participation.