

# Neutrinos in the Multi-Messenger Era



**Tuesday, 29 November 2022 - Friday, 2 December 2022**

**Marc de Hemptinne (chemin du Cyclotron, 2, Louvain-la-Neuve)**

## Scientific Program

## List of invited speakers:

Markus Ahlers - Extragalactic neutrinos (TH)  
Carlos Argüelles - New physics searches in neutrino telescopes (EXP)  
Mauricio Bustamante - New physics potential with astrophysical neutrinos (TH)  
Andrii Bykov - Neutrinos from binaries (TH)  
Matteo Cerruti - Lepto-hadronic models of AGNs (TH)  
Doug Cowen - Diffuse neutrino searches (EXP)  
Damien Dornic - Alerts and Follow-up challenges (EXP)  
Zhan Dzhilkibaev - A decade of neutrino searches in lake (EXP)  
Chad Finley - Point source neutrino searches (EXP)  
Francis Halzen - A decade of neutrino searches in the ice (EXP)  
Aart Heijboer - Potential of next generation TeV-PeV neutrino telescopes (EXP)  
Antoine Kouchner - A decade of neutrino searches in the sea (EXP)  
Kohta Murase - Review of transient event models (TH)  
Andrii Neronov - Galactic neutrinos (TH)  
Erin O'Sullivan - Potential of next generation MeV-TeV neutrino telescopes (EXP)  
Alexander Plavin - Neutrinos from radio-bright FSRQs (TH)  
Simona Toscano - Potential of next generation PeV-ZeV neutrino telescopes (EXP)  
Walter Winter - Multi-messenger signal from GRBs (TH)  
Juan Pablo Yanez - Backgrounds Atmospheric and Prompt neutrinos (TH)