

# Cristiano Galbiati

Cristian Galbiati is at Princeton University since 1999, where he is Full Professor of Physics. In 2018 he joined Gran Sasso Science Institute as Full Professor of Particle Astrophysics. His research focuses on the detection of dark matter and the application of its technology to isotopic separation and health sciences. He is the director of the DarkSideprogram for direct dark matter searches with argon. He is the leader of the MVM project for the development of pulmonary ventilators in response to the COVID-19 pandemics.

## **Abstract:**

I will discuss my recent research journey. On a solid path towards the development of a very ambitious program for the discovery of dark matter searches, unexpected circumstances led me to a rather significant detour, leading to the deployment of the rapid-construction pulmonary ventilator MVM in response to the COVID-19 pandemics.