

# Artificial Intelligence and the Uncertainty challenge in Fundamental Physics



ID de Contribution: 33

Type: Non spécifié

## **xAI in practice: current state of the art, limitations and perspectives**

*mardi 28 novembre 2023 09:00 (35 minutes)*

Explainable Artificial Intelligence (xAI) is a vibrant research field that aims to provide an insight on the decision taken by machine learning (ML) programs. The pervasiveness of AI in our societies pushed regulations (as the European AI Act) that demands transparency. We will present an overview of the field of Explainable AI, focusing on local explanations. We will present the various caveat identified by the literature, and some of our perspectives on xAI.

**Orateur:** GIRARD-SATABIN, Julien (CEA)

**Classification de Session:** Explainable AI