



ID de Contribution: 86

Type: **Présentation orale invitée**

Enhancing accelerators modeling, control and associated technology with AI application.

vendredi 6 octobre 2023 10:30 (30 minutes)

The advent of new high-performance computer architectures, coupled with the availability of vast amounts of data, has driven the development of machine learning algorithms, and neural networks in particular. Today, the application of such techniques to beam dynamics, accelerator control and technology is an expanding field of research. Selected use cases from national, European and international laboratories will be presented and perspectives of the field will be discussed.

Auteur principal: DALENA, Barbara

Co-auteur: GHRIBI, Adnan (GANIL)

Orateur: DALENA, Barbara

Classification de Session: Intelligence artificielle