

HEP Research – driver, user or both in the relations with Industry 4.0

The aim of this talk is to lay the foundation for discussions on the matter if research in high-energy physics (HEP) is a driver, a user or both, in the relations with Industry 4.0.

It presents the current trends in HEP research areas and the priorities of the European Strategy for Particle Physics. The Industry 4.0 technologies are briefly described and their impact on HEP research as a user is discussed, as well as the expected influence of the HEP research on the development of Industry 4.0 components.

The role of the HEPTech Network as a match-making tool between companies providing Industry 4.0 technologies and HEP research community is highlighted.