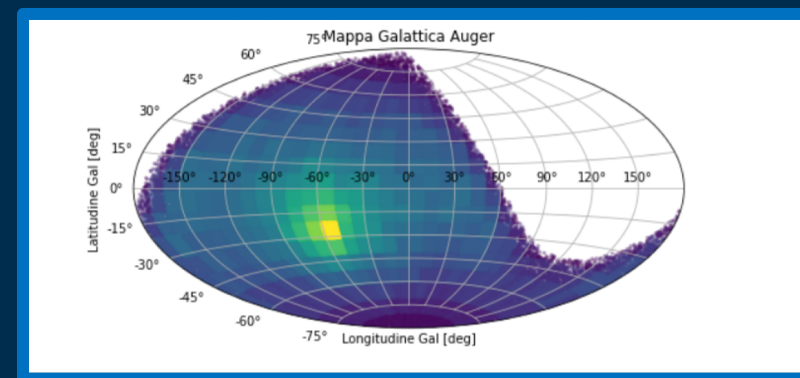


OCRA - Outreach Cosmic Ray Activities was born in 2018 as a national outreach project of INFN with the aim of collecting, within a national framework, the numerous public engagement activities in the field of cosmic ray physics already present at a local level in the divisions and laboratories.



Since spring of 2020 OCRA offers also a series of online laboratories on its website <https://web.infn.it/OCRA/>, designed not only to be used by students individually but also to be offered in the classroom by teachers.



The developed cosmic ray path was also used to organize an online course for teachers of Italian high schools with the purpose of accompanying teachers when approaching the subject for the first time.

A laboratory allowing to analyze public data of the Pierre Auger Observatory is presented.