

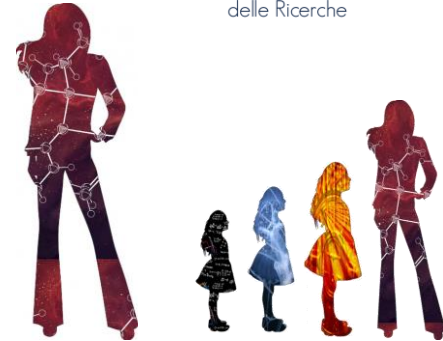


INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE



International Day of
Women and Girls in Science

February 11

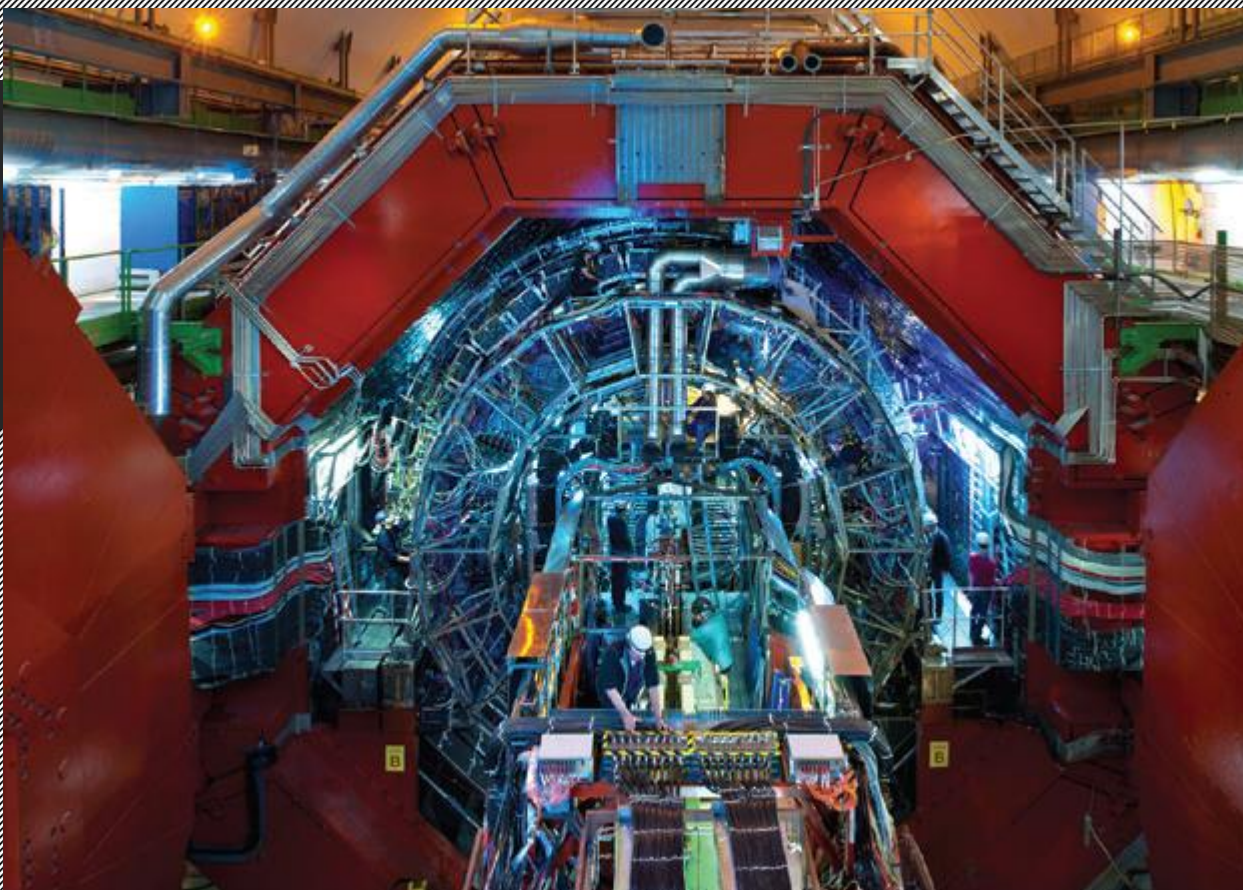


Looking for strange particles in ALICE

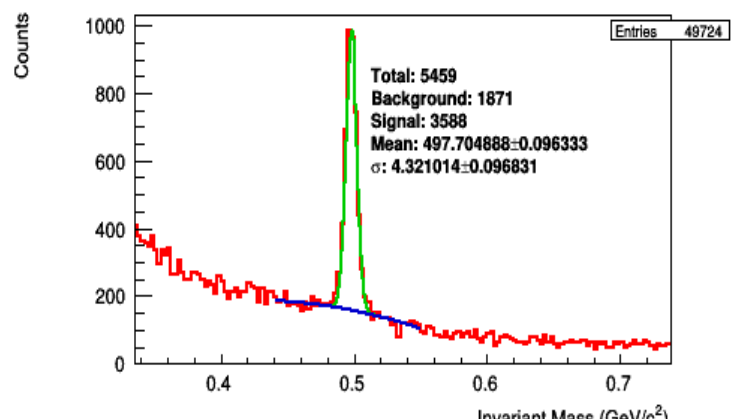
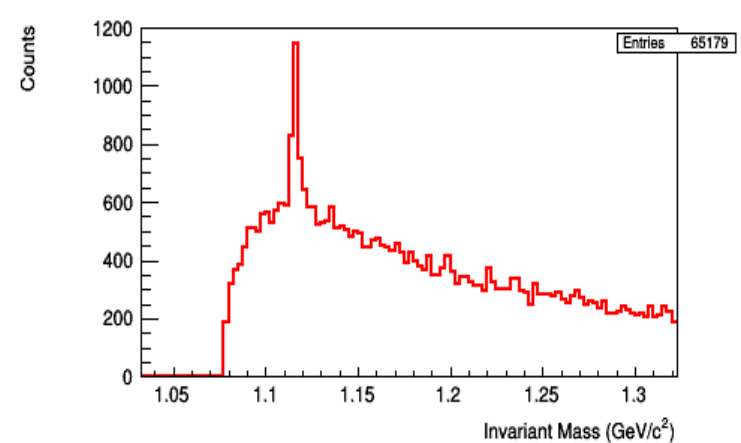
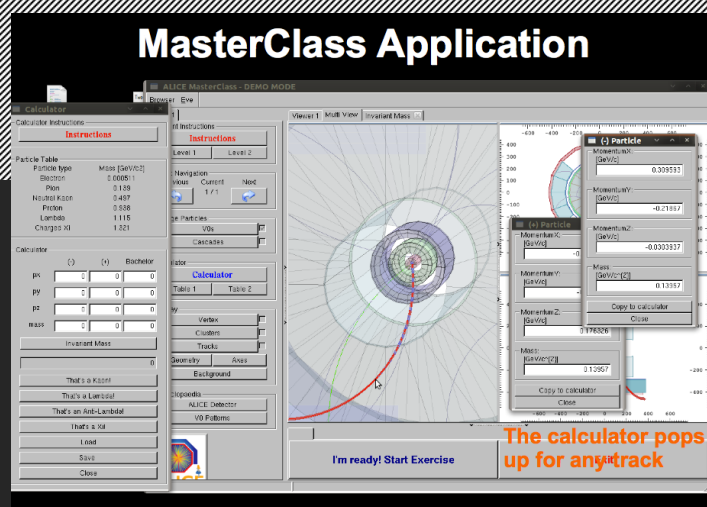
Cadoni Maria Francesca, Pascai Valentina, Masala
Alessia, Veronica Fonnesu, Francesca Pinna, Chiara
Moi, Stefania Zedda, Michela Pinna, Francesca
Simbula, Chiara Fancello, Marzia Stocchino, Jessica
Melis, Valentina Solinas.

ALICE is one of the LHC experiments dedicated to the study of the quark gluon plasma.

Strangeness enhancement is one of the probes of the quark gluon plasma formation.



We reconstructed the invariant mass of the mother from the tracks left by the daughters.



With fit we have extracted the number of the particles that constituted the signal.

We can see an enhancement of strange particles from peripheral to central collisions.

