

The 23rd International Conference on Few-Body Problems in Physics (FB23)



Contribution ID: 92

Type: **2.Parallel session talk**

The isospin and compositeness of the $T_{cc}(3875)$ state

Thursday, 26 September 2024 09:45 (20 minutes)

The work of Eur. Phys. J. C 83 (2023) 983 will be presented, in which we perform a fit to the LHCb data on the $T_{cc}(3875)$ state in order to determine its nature. We use a general framework that allows to have the $D^0 D^{*+}$, $D^+ D^{*0}$ components forming a molecular state, as well as a possible nonmolecular state or contributions from missing coupled channels.

Primary author: DAI, LIANRONG (Huzhou University)

Presenter: DAI, LIANRONG (Huzhou University)

Session Classification: Parallel 2: Hadrons and related high-energy physics

Track Classification: Hadrons and related high-energy physics