



ID de Contribution: 19

Type: **Talk**

Evidence for Chiral Bands in even even nucleus ^{136}Nd

mardi 29 mai 2018 09:45 (20 minutes)

Evidence for chiral doublet bands has been observed for the first time in the even-even nucleus ^{136}Nd . One chiral band was firmly established and four other candidates for chiral bands have been identified in ^{136}Nd . These bands are interpreted as a multiple chiral doublet bands, which is in good agreement with results of calculation based on the constrained and tilted axis cranking covariant density function theory (TAC-CDFT).

Auteur principal: M. LV, Bingfeng

Co-auteur: Prof. PETRACHE, Costel (CSNSM)

Orateur: M. LV, Bingfeng

Classification de Session: Nuclear Physics - Experiments