

Session Program

Jun 11 - 15, 2018

**15th Varenna Conference on Nuclear Reaction
Mechanisms**

Deuteron induced reactions

Villa Monastero
Varenna (Italy)

Fri, June 15

9:00 AM

Deuteron induced reactions

Session | **Location:** Villa Monastero, Varenna (Italy) | **Convener:** Alfredo Ferrari

09:00 - 09:30

Comparative analysis of empirical parametrizations and microscopical studies of deuteron-induced reactions

Speaker

Prof. Marilena Avrigeanu

09:30 - 10:00

Towards inclusion of low-energy deuteron interactions with target nuclei in FLUKA

Speaker

Francesc Salvat Pujol

10:00 - 10:20

Production cross section of ^{197m}Hg induced by deuterons on natural gold target

Speaker

Etienne Nigrón

10:20 - 10:40

Isotopic production cross sections of residual nuclei in proton- and deuteron-induced reactions on $^{91,92}\text{Y}$, $^{92,93}\text{Zr}$, and $^{93,94}\text{Nb}$ around 100 MeV/nucleon

Speaker

Prof. Yukinobu Watanabe

10:40 - 11:00

Cross-section measurements in the reactions of ^{136}Xe on proton, deuteron and carbon at 168 A MeV

Speaker

X. Sun

11:00 AM