

15th Varenna Conference on Nuclear Reaction Mechanisms

Monday 11 June 2018

Fission (15:00 - 17:00)

-Conveners: Patrick Talou

time	[id] title	presenter
15:00	[62] Microscopic Description of Nuclear Fission: Progress and Perspectives	Dr NICOLAS, Schunck
15:30	[80] A basis for scission dynamics	Dr YOUNES, Walid
16:00	[46] Hauser-Feshbach Statistical Decay and Beta Decay Calculation for Primary Fission Fragments	Dr OKUMURA, Shin
16:20	[14] Dependence of the prompt fission gamma-ray spectrum on the entrance channel of compound nucleus: spontaneous vs neutron-induced fission	WU, Ching-Yen
16:40	[71] Correlations between the fission fragment yields and the prompt fission gamma-ray spectrum	JAFFKE, Patrick

Fission (17:30 - 19:00)

-Conveners: Andreyev Andreev

time	[id] title	presenter
17:30	[42] Systematic TDDFT data for nuclear fission analysis	Dr IWATA, Yoritaka
18:00	[30] Real-time description of fission	STETCU, Ionel
18:20	[26] First comparison between microscopic and macroscopic-microscopic potential energy surfaces for the description of fission	VERRIERE, Marc
18:40	[87] Effects of the temperature on nuclear deformation energy and the predictions of fission observables calculated within the Langevin approach	Mr USANG, Mark Dennis

Tuesday 12 June 2018

Fission (09:00 - 11:00)

-Conveners: Nicolas Schunck

time	[id] title	presenter
09:00	[83] An Unexpected Energy Evolution of the Fission-Product Yields from Neutron-Induced Fission of ^{235}U , ^{238}U , and ^{239}Pu	Dr TONCHEV, Anton
09:30	[82] Correlated Prompt Fission Data in Transport Simulations	TALOU, Patrick
10:00	[58] Gamma-ray cascade study in abundant fission fragments with the EXILL experiment and FIFRELIN simulation	RAPALA, Michal
10:20	[31] Phenomenological study of fission yield for $\text{U}233$ induced by neutrons below 20 MeV	Ms LIU, Lile
10:40	[20] Fission properties of nuclei in the ^{180}Hg region	Prof. TSEKHANOVICH, Igor

Fission (11:30 - 12:40)

-Conveners: Yukinobu Watanabe

time	[id] title	presenter
11:30	[22] Fission studies using multi-nucleon transfer reactions at the JAEA tandem	Prof. ANDREYEV, Andrei
12:00	[35] Isoscaling study of binary fission yields	Ms CHEN, Yongjing
12:20	[78] Aggregate Decay Behavior of Fission Products in Nuclear Reactors -Decay Heat, Reactor Antineutrino and the Pandemonium Problem-	Dr YOSHIDA, Tadashi