



# 100 Years of Nuclear Isomers

## Tuesday 03 May 2022

**Atomic Shell Nucleus Interface, 229Th, Symmetries, etc. - Hahn-Hörsaal & 640 2973 0764 (10:45-12:45)**

time	[id] title	presenter
10:45	[82] Dark matter searches with 229mTh isomer	SAFRONOVA, Marianna
11:15	[80] New Experimental Approaches to Nuclear Isomers for Nuclear Astrophysics	DILLMANN, Iris
11:45	[19] Ultraviolet Spectroscopy of the Actinium-229 beta decay: On the way to the first observation of 229mTh's radiative decay?	KRAEMER, Sandro
12:00	[1] Prospective isomeric studies with high-brilliance gamma beams	BALABANSKI, Dimiter
12:15	[9] Proton emission from 54mNi and mirror symmetry (breaking) with 54mFe	RUDOLPH, Dirk
12:30	[31] Correlated prompt-delayed gamma spectroscopy for nuclear structure studies: isomers in the neutron-rich Kr isotopes approaching N=60	BLAZHEV, Andrey