

# IAEA Consultancy Meeting on Thermal Capture and Gamma Emission

23 – 25 October 2023

IAEA, Vienna

MOE07 (virtual component)

## ADOPTED AGENDA

**Monday, 23 October (10:00 am – 6:00 pm, open 09:45 Vienna time)**

10:00	<b>Opening of the meeting, A. Koning / NDS Section Head</b>	
	<b>Election of Chair and Rapporteur(s), adoption of Agenda</b>	
	<b>Welcome and introduction, R. Capote Noy / Scientific Secretary</b>	
10:30	<b>Participants' Presentations (~60' each w/ discussion)</b>	
	Z. Revay	New standardization measurements for the upgraded PGAA spectroscopy database
	V. Pronyaev	Pile Oscillator Thermal Neutron Capture Cross Sections
<b>Lunch Break</b>		
	T. Belgia	Unfolding radiative capture $\gamma$ -ray spectra to determine total capture cross section
	Y. Xu	Neutron direct capture, compilation of thermal capture values, and astrophysical neutron capture results
	A. Hurst	A new open-source Python library for handling neutron-capture $\gamma$ -ray data from EGAF
	<b>Discussion</b>	<i>Coffee breaks as needed</i>

**Tuesday, 24 October (10:00 am – 6:00 pm)**

10:00	<b>Participants' Presentations cont' (~60' each w/ discussion)</b>	
	A. Trkov	Epithermal neutron dosimetry
	E. Chimanski	Status of neutron capture $\gamma$ -ray production in translated ENDF-VIII.0 GNDs files and remediation actions
<b>Lunch Break</b>		
	B. Pritychenko (remote)	ENDF/B-VIII.1beta2 Library Nuclear Astrophysics Testing
	S. Quaglioni (remote)	Proposal for ENDF format: Use MT=900-999 for primary gammas
	<b>Discussion</b>	<i>Coffee breaks as needed</i>

19:00 *Dinner at a restaurant (separate information)*

**Wednesday, 25 October (10:00 am – 5:00 pm)**

10:00	Technical discussions and drafting of the meeting summary report	
Lunch Break		
	Technical discussions and drafting of the meeting summary report cont'	
	Closing of the meeting	
	Coffee breaks as needed	