



# Applied Antineutrino Physics Workshop 2023

## Tuesday 19 September 2023

### Flux and spectrum prediction: Session 1 (15:40-17:42)

-Conveners: **Thiago Bezerra**

time	[id] title	presenter
15:40	[26] Geoneutrinos: messengers from the inaccessible Earth	Dr STRATI, Virginia
16:00	[52] Reactor flux from reactor data	ROSKOVEC, Bedrich
16:20	[53] Reactor spectrum from reactor data	ROCA, Cristian
16:40	[13] Progress towards understanding the source of the Reactor Antineutrino Anomaly	SONZOGNI, Alejandro
17:00	[34] Fission yields of isomers in antineutrino calculations	MATTERA, Andrea
17:20	[54] IAEA meeting report	DIMITRIOU, Paraskevi
17:40	[61] Reactor flux summation method summary	

# Wednesday 20 September 2023

## Flux and spectrum prediction: Session 2 (09:00-10:20)

-Conveners: Rachel Carr

time	[id] title	presenter
09:00	[14] Modelling of the anti-neutrino emissions from an Advanced Gas-cooled Reactor	Dr PETTS, Andrew
09:20	[36] Anti-Neutrino Flux from the EdF Hartlepool Nuclear Power Plant	MILLS, Robert
09:40	[10] Estimating Neutrino Signals Using reactors.geoneutrinos.org	DYE, Steve
10:00	[35] CONFLUX - The Reactor Antineutrino Flux Prediction Software	ZHANG, Xianyi