



# Neutron Delivery Systems NDS 2023

## Tuesday, 11 July 2023

### Session 5: Source and applications - ILL4/rdc-1 - Amphi Chadwick (10:20 - 11:40)

-Conveners: Pratyush Patel; Abdullah Shehada; Sophie BOUAT; Marton Marko

time	[id] title	presenter
10:20	[18] Modified Collimator for Narrow Fast Neutron Beams in Neutron Therapy	SHEHADA, Abdullah
10:40	[19] Design and expected performance of the neutron guide systems at Breazeale Reactor at Penn State University	MARKO, Marton
11:00	[20] Progress towards production of pulsed 2 keV and 24 keV neutrons, using neutron moderators and filters	PATEL, Pratyush
11:20	[65] Detection of hydrate plugs inside submarine pipelines using neutron activation analysis	BOUAT, Sophie