



# Table of contents

Wednesday 05 June 2024 .....	1
------------------------------	---

# Junior Scientists Workshop on Recent Advances in Theoretical Neuroscience | (smr 3943)

## Wednesday 05 June 2024

### Sensory-motor transformations - Kastler Lecture Hall (AGH) (09:00-16:30)

time	title	presenter
09:00	Exploring Perception and Working Memory: Circuit Models with Modular Sensory-Memory Interaction	SUKBIN LIM
10:45	Coffee break	
11:15	Modeling the sensorimotor system with task-driven modeling	ALESSANDRO MARIN VARGAS
11:45	Feedback control of recurrent dynamics constrains learning timescales of motor adaptation	HARSHA GURNANI
12:15	Lunch break	
14:15	Low-rank connectivity perturbations of high-rank dynamics as a mechanism for efficient and flexible motor control	LAURELINE LOGIACO
16:00	Dynamic routing of functional networks through communication sub-spaces	ULISES PEREIRA