



# Selected Topics in Nuclear and Atomic Physics 2022

## Sunday, 25 September 2022

### Morning Session - Sala delle Miniere (13:00 - 15:00)

time	[id] title	presenter
13:00	[20] Collective excitations in nuclei : The isoscalar and isovector electric giant resonances and spin-isospin charge-exchange modes	HARAKEH, Muhsin
14:00	[21] Nuclear Shapes	GOERGEN, Andreas

### Morning Session - Sala delle Miniere (15:30 - 16:30)

time	[id] title	presenter
15:30	[22] Nuclear Shapes	GOERGEN, Andreas

# Monday, 26 September 2022

**Morning Session - Sala delle Miniere (13:00 - 15:00)**

time	[id] title	presenter
13:00	[25] Reactions to continuum with bound state methods: the integral transform approach	ORLANDINI, Giuseppina
14:00	[26] Nuclear Shapes	GOERGEN, Andeas

**Morning Session - Sala delle Miniere (15:30 - 16:30)**

time	[id] title	presenter
15:30	[27] Aspects of pairing in nuclei	MACCHIAVELLI, Augusto O.

# Tuesday, 27 September 2022

**Morning Session - Sala delle Miniere (13:00 - 15:00)**

time	[id] title	presenter
13:00	[30] Nuclear Shapes	GOERGEN, Andreas
14:00	[31] Aspects of pairing in nuclei	MACCHIAVELLI, Augusto O.

**Morning Session - Sala delle Miniere (15:30 - 16:30)**

time	[id] title	presenter
15:30	[32] Collective excitations in nuclei : The isoscalar and isovector electric giant resonances and spin-isospin charge-exchange modes	HARAKEH, Muhsin

# Wednesday, 28 September 2022

**Morning Session - Sala delle Miniere (13:00 - 15:00)**

time	[id] title	presenter
13:00	[33] Aspects of pairing in nuclei	MACCHIAVELLI, Augusto O.
14:00	[34] Scaling Laws in Living Systems	MARITAN, Amos

**Morning Session - Sala delle Miniere (15:30 - 16:30)**

time	[id] title	presenter
15:30	[35] Tracking neutron-proton pairing along the N=Z line with transfer reactions	ASSIE, Marlene

# Thursday, 29 September 2022

**Morning Session - Sala delle Miniere (13:00 - 15:00)**

time	[id] title	presenter
13:00	[38] Scaling Laws in Living Systems	MARITAN, Amos
14:00	[39] Scaling Laws in Living Systems	TBA

**Morning Session - Sala delle Miniere (15:30 - 16:30)**

time	[id] title	presenter
15:30	[40] Description of (p,pN) reactions induced by Borromean nuclei	CASAL, Jesus