



# Neutrini and nuclei, challenges and opportunities for nuclear theory

## Monday, 27 May 2019

### Morning Session - Meeting room (09:30 - 12:15)

time	[id] title	presenter
09:30	[7] Welcome	LOVATO, Alessandro NIEVES, Juan ROCCO, Noemi PASTORE, Saori
09:45	[8] Neutrino-nucleus scattering: status and opportunities	BENHAR, Omar
10:45	Coffee break	
11:15	[9] Dark-matter interactions in light nuclei	ANDREOLI, Lorenzo

# Tuesday, 28 May 2019

## Morning Session - Meeting room (09:30 - 12:15)

time	[id] title	presenter
09:30	[13] From light nuclei to neutron matter within chiral dynamics	PIARULLI, Maria
10:15	Coffee break	
10:45	[14] Neutrino-induced pion production	SATO, Toru
11:30	[15] Nonlocal dispersive optical potential model	ATKINSON, Mack

# Wednesday, 29 May 2019

## Morning Session - Meeting room (09:30 - 12:15)

time	[id] title	presenter
09:30	[16] Quantum Monte Carlo calculations of neutrino-nucleus interactions	CARLSON, Joe
10:15	Coffee break	
10:45	[17] Few-body systems from pionless EFT	DELEON, Hilla
11:30	[18] Electroweak pion production within the hybrid PWIA	GONZALEZ JIMENEZ, Raul

# Thursday, 30 May 2019

## Morning Session - Meeting room (09:30 - 12:15)

time	[id] title	presenter
09:30	[21] LIT for electroweak scattering	BACCA, Sonia
10:15	Coffee break	
10:45	[22] Relativistic meson-exchange current contribution	DE PACE, Arturo
11:30	[23] Electroweak currents from chiral EFT	KREBS, Hermann

# Friday, 31 May 2019

## Morning Session - Meeting room (09:30 - 11:30)

time	[id] title	presenter
09:30	[20] Valencia model for neutrino-nucleus interaction	ALVAREZ RUSO, Luis
10:15	Coffee break	
10:45	[26] Relativistic effect in ab-initio approaches	ORLANDINI, Giuseppina