

MEDEX'23**Monday, September 4, 2023****Theory - the Great Hall (9:45 AM - 10:15 AM)****-Conveners: Jouni Suhonen**

time	[id] title	presenter
9:45 AM	[28] Novel Aspects of Neutrino oscillations	ŠIMKOVIC, Fedor

Theory - the Great Hall (10:45 AM - 12:15 PM)**-Conveners: Jouni Suhonen**

time	[id] title	presenter
10:45 AM	[37] NME for LR symmetric model	FANG, DongLiang
11:15 AM	[33] Testing QED and BSM theories through advanced solutions of the Dirac-Breit-Darwin equations in exotic leptonic atoms	KOSMAS, Theocharis
11:45 AM	[5] On DCX Nuclear Matrix Elements: Shell Model and QRPA results	CIVITARESE, Osvaldo

Tuesday, September 5, 2023

Theory - the Great Hall (9:15 AM - 10:15 AM)

-Conveners: Javier Menendez

time	[id] title	presenter
9:15 AM	[14] Ordinary muon capture, a perfect probe of the $\nu\beta\beta$ decay	SUHONEN, Jouni
9:45 AM	[11] Ab Initio studies on muon capture	JOKINIEMI, Lotta

Theory - the Great Hall (10:45 AM - 12:15 PM)

-Conveners: Javier Menendez

time	[id] title	presenter
10:45 AM	[17] New results from beta and double-beta decays studies	STOICA, Sabin
11:15 AM	[25] Atomic exchange correction for allowed β decay and $2\nu\beta\beta$ decay	NITESCU, Ovidiu
11:45 AM	[31] On the giant resonances of double-beta decay nuclei and nuclear matrix elements and phase space factors for the double-beta decay of ^{104}Ru	KAUPPINEN, Elina

Theory - the Great Hall (1:15 PM - 1:45 PM)

-Conveners: Léonard Imbert

time	[id] title	presenter
1:15 PM	[39] Shell model neutrinoless double-beta decay matrix elements based on other observables	MENENDEZ, Javier

Wednesday, September 6, 2023

Theory - the Great Hall (9:15 AM - 10:15 AM)

-Conveners: Osvaldo Civitarese

time	[id] title	presenter
9:15 AM	[16] Shell model neutrinoless double-beta decay NME of ^{136}Xe within a statistical approach	NEACSU, Andrei
9:45 AM	[3] Cause of discrepancy problem of calculated running sums to nuclear matrix element of two-neutrino double- β decay	TERASAKI, Jun

Theory - the Great Hall (10:45 AM - 12:15 PM)

-Conveners: Osvaldo Civitarese

time	[id] title	presenter
10:45 AM	[24] Probing Lepton Number Violation at Low and High Energies	GRAF, Lukas
11:15 AM	[26] Looking through the beta spectra	RAMALHO, Marlom
11:45 AM	[34] Probing nuclear and electroweak physics with coherent elastic neutrino nucleus scattering	ATZORI CORONA, Mattia

Thursday, September 7, 2023

Theory - the Great Hall (9:15 AM - 10:15 AM)

-Conveners: Fedor Simkovic

time	[id] title	presenter
9:15 AM	[13] Gamma transitions from isobaric analogue states to study nuclear matrix elements for double beta decays	EJIRI, Hiroyasu
9:45 AM	[2] Nuclear Matrix Elements from Heavy Ion Double Charge Exchange Reactions	LENSKE, Horst

Theory - the Great Hall (10:45 AM - 12:15 PM)

-Conveners: Fedor Simkovic

time	[id] title	presenter
10:45 AM	[30] Mathematical formulation of the Dirac, Breit-Darwin equation for purely leptonic atoms	PAPAVASILEIOU, Theodora
11:15 AM	[29] Computational modelling and designing of the advanced DiracBreitDarwinAlgo code	GKREPIS, Athanasios
11:45 AM	[20] Improved calculations for atomic electron capture ratios	SEVESTREAN, Vasile-Alin

Friday, September 8, 2023

Theory - the Great Hall (10:45 AM - 11:45 AM)

-Conveners: Mark Shirchenko

time	[id] title	presenter
10:45 AM	[38] Constraints on neutrino self-interactions by supernovae and blazars	PETROPAVLOVA, Mariia
11:15 AM	[21] ν DoBe - A Python Tool for Neutrinoless Double Beta Decay	SCHOLER, Oliver