



**TIM 22**  
PHYSICS CONFERENCE

# **FINAL PROGRAM**

**Plenary talks**

Wednesday, 23<sup>rd</sup> of November 2022

Wednesday, 23rd of November 2022		
A11		
15:00-16:00	Opening Ceremony. A story about TIM conference	
30 min	Coffee Break	
Plenary Session 1		
Chairman: Daniel Vizman		
16:30-17:00	PL-01	SPIN, POLARIZATION AND COORDINATE OPERATORS OF MASSIVE DIRAC'S FERMIONS Ion I. Cotaescu
17:00-17:30	PL-02	QUANTUM QUENCH AND CHARGE OSCILLATIONS IN THE SU(3) HUBBARD MODEL Catalin Pascu Moca
17:30-18:00	PL-03	MICROMAGNETIC DESIGN OF SKYRMIONIC MATERIALS AND CHIRAL MAGNETIC CONFIGURATIONS IN PATTERNED NANOSTRUCTURES FOR NEUROMORPHIC AND QUBIT APPLICATIONS Coriolan Viorel Tiuşan, Roxana Alina One, Sever Mican, Marius Joldos

## Wednesday, 23<sup>rd</sup> of November 2022

18:00-19:00	<b>Coffee Break</b> <b>Posters Session 1 (TCP + 1/2API)</b> Faculty of Physics 2nd Floor
19:00-22:00	<b>Evening Cocktail Reception</b> <i>Faculty of Physics 1st Floor</i>

## Thursday, 24<sup>th</sup> of November 2022

	<b>Thursday, 24th of November 2022</b>	
	<b>A11</b>	
	<b>Plenary Session 2</b> <i>Chairman: Gheorghe Adam</i>	
09:00-09:30	<b>PL-04</b>	THE HIGGS BOSON: DISCOVERY, CURRENT STATUS AND FUTURE PLANS <b>Calin Alexa</b>
09:30-10:00	<b>PL-05</b>	MECHANOELASTIC MODEL FOR SPIN-CROSSOVER MOLECULAR MAGNETS <b>Cristian Enachescu</b> , D. Plesca, A. I. Chilug, A. Railean, L. Stoleriu
10:00-10:30	<b>PL-06</b>	OPPORTUNITIES IN PHYSICS AND PHYSICS EDUCATION IN THE BALKAN REGION <b>Radu Constantinescu</b>

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**Thursday, 24th of November 2022**

	<b>Aula Magna of the West University of Timisoara</b>
	<b>Faculty of Physics - 60 years Anniversary Ceremony (part I)</b>
13:30-14:00	<b>Reception of the participants</b>
14:00-16:00	<b>Opening of the event, The speech of the Dean, Presentation of the history of the Faculty, Guest speeches.</b>
16:00-16:30	<b>Coffee Break</b>
16:30-18:00	<b>Faculty of Physics - 60 years Anniversary Ceremony (part II)</b>
14:00-16:00	<b>DHC messages, Alumni, Tribute to senior teachers</b>

**Thursday, 24th of November 2022**

19:00-23:00	<b>Conference Banquet</b> <i>Beer Factory Restaurant</i>
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