

# March Meeting – 2024



## Program

Castel Gandolfo (Rome) - Italy, February 27<sup>th</sup>- March 2<sup>th</sup>, 2024

MIFP - Mediterranean Institute of Fundamental Physics

MM – 2024

March Meeting – 2024

29<sup>th</sup> February

Start	End	Speaker	Title	Chairman
9:00	09:45		<b>Registration desk</b>	
9:45	10:00	G.ERAMO	Welcome message	
10:00	10:30	A. VARLAMOV	Thermoelectricity: from the iron arc of the Alessandro Volta era to ferrofluid thermal generators today	
10:30	11:00	D. BARETTIN	Three degrees of quantum confinement in Wurtzite InGaAs/AlGaAs nanostructures	
11:00	11:30		<b>Coffee Break</b>	
11:30	12:00	D. TRUCCHI	Hybrid Thermionic Converters for Concentrated Solar Energy	
12:00	12:30	A. DI CARLO	Time for tandem: toward high efficient photovoltaics	
12:30	13:00	C. LEONARDI	Hemp-derived carbon nano-platelets on laser-treated metallic electrodes: implementation for supercapacitors	
13:00	14:30		<b>Lunch</b>	
14:30	15:00	P.G. MEDAGLIA	Piroelectricity in LDH nanosheets	
15:00	15:30	A.ORSINI	Black diamond Biosensors	
15:30	16:00	S.SALVATORI	The OPHELIA project: a new perspective for FLASH dosimetry	
16:00	16:30		<b>Coffee Break</b>	
16:30	17:00	A.MAFFUCCI	Equivalent circuital models for nanoscale and quantum systems	
17:00	17:30	P.OLIVA	New approaches in science teaching	
17:30	18:00	A.VARLAMOV	Failure of the Mott's formula for the Thermopower in Carbon Nanotubes	
18:00	18:30		<b>Round Table</b>	
18:30	20:00		<b>Free time</b>	
20:00	23:00		<b>Social Dinner</b>	

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## 1<sup>st</sup> March

Start	End	Speaker	Title	Chairman
10:00	–	Round Table	Project SENS-AI: Dissemination activity on the Project “SENS-AI, Environmental Sensing with Artificial Intelligence”, Grant #2022R5HWJN (2023-2025)	Antonio Maffucci

## 2<sup>nd</sup> March

10:00	–	Excursion		
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