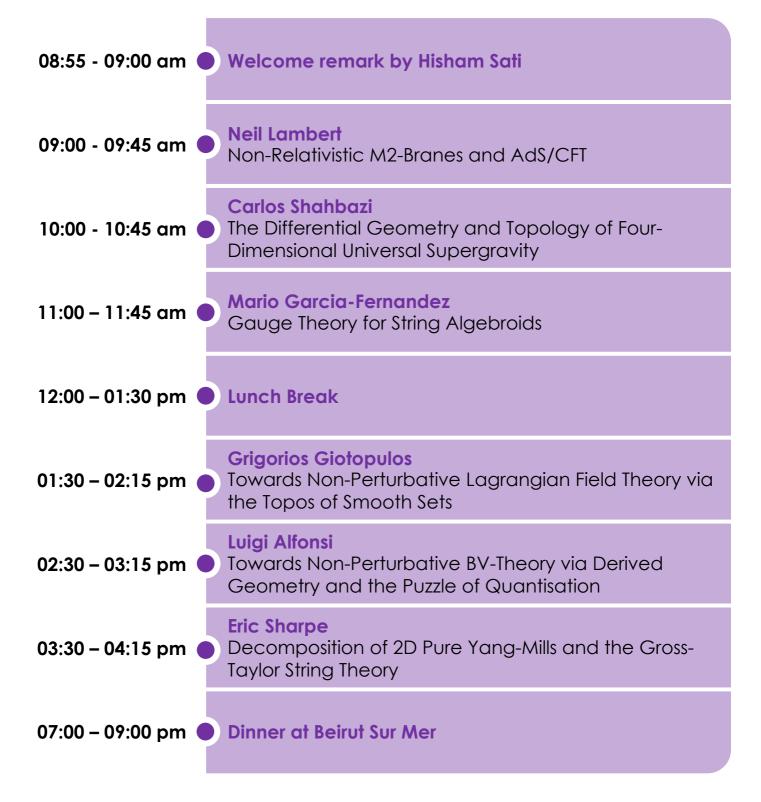




## Program (Monday, January 15, 2024) M-theory and Mathematics: Classical and Quantum Aspects







## Program (Tuesday, January 16, 2024) M-theory and Mathematics: Classical and Quantum Aspects

09:00 - 09:45 am	• Ruben Minasian Constraining and Un-constraining Supergravities
10:00 - 10:45 am	<ul> <li>Emanuel Malek</li> <li>Kaluza-Klein Spectrometry for String Theory Compactifications</li> </ul>
11:00 – 11:45 am	Fei Han Cubic Forms, Anomaly Cancellation and Modularity
12:00 – 01:15 pm	Lunch Break
01:15 – 02:00 pm	Meng-Chwan Tan Topological-Holomorphic N=4 Gauge Theory: From Langlands Duality of Holomorphic Invariants to Mirror Symmetry of Quasi-Topological Strings
02:15 – 03:00 pm	Olaf Hohm Double Copy, Double Field Theory & Homotopy Algebras
03:15 – 04:00 pm	<ul> <li>Christian Saemann</li> <li>Atiyah Algebroids for Higher and Groupoid Gauge Theories</li> </ul>





## Program (Wednesday, January 17, 2024) M-theory and Mathematics: Classical and Quantum Aspects

09:00 - 09:45 am 🌘	<b>Chris Hull</b> Self-Dual p-Form Gauge Fields and the Topology of the Graviton
10:00 - 10:45 am 🔵	Yang-Hui He The Al Mathematician
11:00 – 11:45 am 🌘	<b>Chris Blair</b> Geometry and Dualities of Decoupling Limits in String Theory and M-Theory
12:00 – 01:15 pm 🌘	Lunch Break
01:15 – 02:00 pm 🌘	Hisham Sati M-Theory and Hypothesis H
02:15 – 03:00 pm 🌘	Urs Schreiber Introduction to Quantum Hypothesis H