

**Workshop dell'Attività di Ricerca 'Materiali magnetici e multiferroici'**

Sala Conferenze - IMEM, Parma

**4 ottobre 2022**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:30	Franca Albertini	MatFun Activities: overview and prospects
10:00	Simone Fabbrici	Magnetocaloric materials & technologies
10:20	Francesco Cugini	Thermomagnetic generators for the harvesting of waste heat
10:40	Lorenzo Gallo	Magnetocaloric Heusler compounds for energy conversion technologies
<b>11:00</b>	<b>Discussion on magnetocaloric materials</b>	
11:30	Francesca Casoli	Ni-Mn-Ga thin films: introduction and overview
11:50	Milad Takhsha	Ni-Mn-Ga: from continuous films to micro and nanostructures
12:10	Riccardo Cabassi	Spinning magnetic particles with a low cost magnetic quadrupole
<b>12:30</b>	<b>Discussion on NMG &amp; bio</b>	
<b>13:00</b>	<b>Lunch &amp; posters</b>	
14:30	César de Julian Fernandez	Novel materials for Green Magnets
15:00	Matteo Casadei	Rare earth free permanent magnets: Fe <sub>5</sub> Si <sub>1-x</sub> GexB <sub>2</sub> compound
<b>15:20</b>	<b>Discussion on permanent magnets</b>	
15:50	Edi Gilioli	SPC @ IMEM
16:10	Chiara Coppi	Multiferroic materials synthesized with High Pressure/ High Temperature synthesis
<b>16:30</b>	<b>Final discussion &amp; closure</b>	
17:10		