



ETTORE MAJORANA FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

TO PAY A PERMANENT TRIBUTE TO GALILEO GALILEI, FOUNDER OF MODERN SCIENCE
AND TO ENRICO FERMI, "THE ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



International course on Macromolecular Science for Advanced and Sustainable Materials Erice (Italy), July 10th -14th July 2022

The event will be hosted at the "Ettore Majorana Foundation and Centre for Scientific Culture". The purpose of the school is to exhaustively cover the state-of-the-art and the future perspectives of Macromolecular Science for Advanced Materials for applications in smart and sustainable products. It will be a great opportunity to bring together the international community of students, young scientists, and experts in a unique atmosphere for reciprocal benefits in terms of enthusiasm, knowledge and new ideas. A max number of 100 students will be allowed. The contribution is 750 € which includes lodging, meals, social events and transportation to and from Palermo and Trapani airports to Erice.

Details and updates at [WEBSITE http://www.ipcb.ct.cnr.it/erice2022](http://www.ipcb.ct.cnr.it/erice2022)

The deadline for the registration is May 10th 2022

LECTURE TOPICS	LECTURE TOPICS
KRZYSZTOF MATYJASZEWSKI. <i>Advanced materials for energy, environment and healthcare via macromolecular engineering using ATRP</i>	HARITZ SARDON. <i>Exploring the use of biomass and plastic waste as sustainable source for polymer production</i>
KELLY VELONIA. <i>Toward precision hybrid protein-polymer conjugates: Synthesis and applications</i>	RAFFAELE MEZZENGA. <i>Revaluing food protein waste</i>
TANJA JUNKER. <i>Automation in Polymer Synthesis: Challenges and Opportunities</i>	SÉBASTIEN LECOMMANDOUX. <i>Biomimetic polymer vesicles: from bioactive nanomedicines to functional artificial cells</i>
THOMAS H. EPPS, III. <i>Closed-loop sustainability in polymers: leveraging biomass and plastics waste feedstocks</i>	RACHEL O' REILLY. <i>'Getting into shape - precision self-assembly'</i>
MICHELE LAUS. <i>Brushes by grafting to: the true and the false</i>	BRIGITTE VOIT. <i>Functional polymers for organic/printed optoelectronics</i>

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