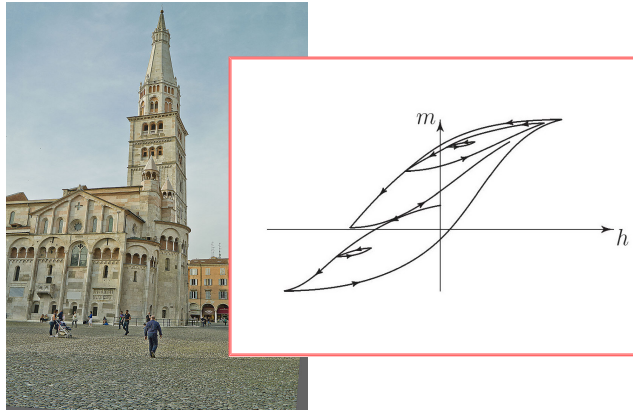




UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

WORKSHOP: MODENA MEETS HYSTERESIS

DIPARTIMENTO DI SCIENZE FISICHE INFORMATICHE E MATEMATICHE
MODENA, APRIL 11-12, 2018



SCIENTIFIC PROGRAM:

Wednesday April 11th (room M1.4 morning – M1.8 afternoon)

09.45 Opening

10.00 **Daniele Davino** (University of Sannio, Benevento) "Magnetoelastic devices: modeling, experiments and opportunities"

11.00 Welcome by the Director of the Department **Prof. Andrea Sacchetti**

11.15 Coffee break

11.30 **Luigi Sorrentino** (Istituto per i Polimeri, Compositi e Biomateriali (IPCB), CNR, Portici) "Smart polymeric foams: properties and challenges"

12.30 Lunch at Antica Grama

14.30 **Jana Kopfová** (Silesian University, Opava) "Models of material fatigue"

15.30 Coffee break

16.00 Discussion

Thursday April 12th, 2018 (room M1.6)

10.00 **Erica Ipocoana** (University of Modena and Reggio Emilia) "Mathematical models for biological hysteresis"

11.00 Coffee break

11.30 **Chiara Gavioli** (University of Modena and Reggio Emilia) "On the null-controllability of the semilinear heat equation with hysteresis"

12.30 Lunch at Antica Grama

14.30 **Pavel Krejčí** (Czech Academy of Sciences, Prague) "Hysteresis in financial markets"

15.30 Coffee break

16.00 Discussion