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**SUMMER SCHOOL**

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**October 3 - 14, 2016**

**IIASS - Vietri sul Mare (Salerno) - Italy**

**XX Training Course in the Physics  
of Strongly Correlated Systems**

**TOPICS**

*Master equation versus Keldysh Green's functions for correlated quantum systems out of equilibrium*

*Towards an understanding of superconductors and correlated materials out-of-equilibrium: mean-field approaches*

*Electronic structure of correlated materials out of equilibrium: non-equilibrium dynamical mean-field theory*

*Ultrafast optical control of complex quantum materials*

**LECTURERS**

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**Enrico Arrigoni** (*Technische Universität Graz, Austria*)

**Massimo Capone** (*SISSA, Trieste, Italy*)

**Martin Eckstein** (*Max Planck Institut für Struktur und Dynamik der Materie, Hamburg, Germany*)

**Stefan Kaiser** (*Max Planck Institut für Festkörperforschung, Stuttgart, Germany*)

**SPONSORS**

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*Università degli Studi di Salerno  
Dipartimento di Fisica "E.R.Caianiello"  
European Physical Society*

**DIRECTOR OF THE COURSE**

**Prof. Ferdinando Mancini**

**COORDINATOR OF THE COURSE**

**Prof. Roberta Citro**

Detailed information and application form at the web site:

<http://www.iassvietri.it/home-xx-t-c.html>

