

Progresses in NonEquilibrium Green's Functions VII

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National Laboratories of Frascati 27-31 August 2018

Dear Colleague,

the workshop Progresses in Nonequilibrium Green's Functions VII will be held in the INFN National Laboratories of Frascati, August 27-31, 2018.

The goal of the workshop is to gather together many of the most prominent theoretical and experimental scientists to advance our fundamental understanding of matter under extreme nonequilibrium conditions. We expect to stimulate discussions on the different theoretical formulations of experimental outcomes and discuss their range of applicability. We will encourage debates on the theoretical limitations, and how the missing physics could be included.

The workshop program is divided in sections:

- Transient spectroscopies
- Electron-bosons systems
- Nuclear reactions
- New numerical methods and approximation schemes
- Nanoscale transport
- Cold atoms

Confirmed list of speakers:

S. Dal Conte (Politecnico, Milan)	Y. Pavlyukh (University of Kaiserslautern)
R. Ernstorfer (Fritz-Haber-Institut, Berlin)	C. Verdozzi (Lund University)
E. Perfetto (CNR-ISM, Monterotondo)	M. Potthoff (Hamburg University)
D. Catone (CNR-ISM, Monterotondo)	H. Cornean (Aalborg University, Denmark)
D. Sangalli (CNR-ISM, Monterotondo)	M. Bonitz (Kiel University)
N. Rohringer (Max Planck, Hamburg)	F. Heidrich-Meisner (University of Göttingen)
E. K. U. Gross (Max Planck, Halle)	K. S. Thygesen (Technical University of Denmark)
H. Appel (Max Planck, Amburgh)	M. Galperin (UC San Diego)
F. Jahnke (University of Bremen)	U. Aeberhard (Forschungszentrum Jülich)
R. van Leeuwen (University of Jyväskylä)	T. Gunst (Technical University of Denmark)
M. Sentef (Max Planck, Hamburg)	A. P. Jauho (Technical University of Denmark)
P. Danielewicz (Michigan State University)	A. Bulgac (University of Washington)
A. Rios (University of Surrey)	

The workshop is organized by Gianluca Stefanucci from the University of Rome Tor Vergata, Andrea Marini from Centro Nazionale Ricerche (CNR, Rome) and Stefano Bellucci from the Istituto Nazionale Fisica Nucleare (INFN, Frascati). For informations please contact us at pngf.vii@gmail.com.

