



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

Padua, Italy  
June 25 -27, 2013

2013 Workshop on Mathematical Aspects of

# Quantum Modeling, Estimation and Control

For information and (free) registration: [ticozzi@dei.unipd.it](mailto:ticozzi@dei.unipd.it)



## INVITED SPEAKERS:

R. Alicki  
R. Blume-Kohut  
U. Boscain  
D. D'Alessandro  
V. Giovannetti  
D. Gross  
J. Gough  
M. Guta  
K. Jacobs  
M. Muller  
M. Paris  
C. Pellegrini  
D. Reeb  
A. Rivas  
P. Rouchon  
A. Sarlette  
S. Schirmer  
D. Sugny  
L. Viola



DIPARTIMENTO  
DI INGEGNERIA  
DELL'INFORMAZIONE

Venue: *Dip. di Ingegneria dell'Informazione,  
via gradenigo 6/B 35131 Padova, Italy*

# Mathematical Aspects of Quantum Modeling, Estimation and Control



*Dip. di Ingegneria dell'Informazione,  
via gradenigo 6/B 35131 Padova, Italy*

## Organizers:

Francesco Ticozzi

Michele Pavon

Workshop sponsored and supported by:

**QuantumFuture Project**  
**University of Padua**

**Department of Information Engineering**  
Via Gradenigo, 6/B  
University of Padova, Padova, Italy

## **Registration & Contacts:**

**Francesco Ticozzi**  
**[ticozzi@dei.unipd.it](mailto:ticozzi@dei.unipd.it)**

Office: (+39) 049 827 7603

Cell:(+39) 328 2210016

## **June 25, 2013**

---

### *I. Open Quantum Systems*

9:00 - 10:00 *Welcome & Coffee*

10:30 - 11:30 **R. Alicki**

11:30 - 12:30 **D. Reeb**

14:00 - 15:00 **V. Giovannetti**

15:00 - 16:00 **A. Rivas**

16:00 - 16:30 *Coffee Break*

### *II. Environment Engineering*

16:30 - 17:30 **L. Viola**

17:30 - 18:30 **M. Müller**

## **June 26, 2013**

---

### *III. Statistical Methods, Estimation and Filtering*

9:00 - 10:00 **D. Gross**

10:00 - 10:30 *Coffee Break*

10:30 - 11:30 **M. Paris**

11:30 - 12:30 **R. Blume-Kohut**

14:00 - 15:00 **M. Guta**

15:00 - 16:00 **S. Schirmer**

10:00 - 10:30 *Coffee Break*

16:30 - 17:30 **P. Rouchon**

17:30 - 18:30 **C. Pellegrini**

## **June 27, 2013**

---

### *IV. Controlled Networks & Feedback*

9:00 - 10:00 **J. Gough**

10:00 - 10:30 *Coffee Break*

10:30 - 11:30 **A. Sarlette**

11:30 - 12:30 **K. Jacobs**

### *V. Controllability & Optimal Control*

14:00 - 15:00 **D. D'Alessandro/R. Romano**

15:00 - 16:00 **D. Sugny**

16:00 - 17:00 **U. Boscain**



**UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA**