

COST Action MP1209 "Thermodynamics in the Quantum Regime" Newsletter
Friday 13th February 2015

Contents

- Forthcoming Events
- STSM Call 8 – opening soon
- Network Roles – new appointments
- Job Vacancies
- New members
- Administrative Information
- COST Acknowledged Publications

Forthcoming Events

COSTMP1209 – The Second Quantum Thermodynamics Conference is being organised by Roberta Zambrini and will be held from 19-24 April 2015 in Palma de Mallorca, Spain, hosted by the Institute of Cross-Disciplinary Physics and Complex Systems [IFISC](#), a joint research Institute of the University of Balearic Islands [UIB](#) and the Spanish National Research Council [CSIC](#).

Registration closes at 13:00 GMT+1 20 February.

The meeting website is - <http://ifisc.uib-csic.es/qtd2/>

The 2nd Quantum Thermodynamics Conference is meant to be a reference for researchers working in thermodynamics in the quantum regime, in connection with quantum information theory and statistical physics. Two keynote (Martin Plenio and Peter Talkner), several invited and contributed talks as well as a poster section are scheduled, promoting young scientists. The conference also includes discussion time and Working Group meetings.

Workshop on Quantum Information and Thermodynamics

23-27 February 2015, Sao Paulo, Brazil

<http://wqit-quantum.if.ufg.br/>

Workshop on Thermodynamics and Nonlinear Dynamics in the Information Age

13-17 July 2015, Telluride, USA

<https://www.telluridescience.org/meetings/workshop-details?wid=548>

COSTMP1209 – Third Quantum Thermodynamics Conference "Quantum Thermodynamics, Quantum Information" is being organised by a group of CNRS researchers - Alexia Auffeves (Institute Néel, Grenoble), Maxime Clusel (Laboratoire Charles Coulomb, Montpellier), Benjamin Huard (LPA, Ecole Normale Supérieure, Paris), Sébastien Tanzilli (Nice University) and Robert Whitney (LPMMC, Grenoble). It will be held from 11-16 October 2015 in Porquerolles, France.

The meeting website is <http://q-thermo3.sciencesconf.org/>.

The 3rd Quantum Thermodynamics Conference is intended to gather experts in the fields of quantum thermodynamics and quantum information, both theorists and experimentalists. The goal of the event is to foster crossed fertilization between the

different communities. Potential experiments in the field will be particularly considered, building on the wide range of devices able to process quantum information, whose recent developments have been spectacular.

Please note that the deadline for abstract submission is 2 April 2015.

STSM Call 8 – opening soon

The final STSM Call for this budget period will open on March 1st -
<http://qut.ethz.ch/stsm>.

Network Roles – new appointments

In Newsletter 12, October 2014, network members were asked to contact us if they'd like to be involved with several of the roles within the network. As a result of this, and also the desire of some of the existing role holders to relinquish their positions, some changes in role holders have been made.

We would like to thank the role holders who have stepped down – Massimiliano Esposito (STSM co-ordinator), Lidia del Rio & Mario Ziman (webmasters) and Kilian Singer (ESR Representative) for their hard work and the contribution they have made to the network. We would also like to thank the people who have remained in post for their continuing contributions.

The network roles are now:

STSM Coordinators:	Andrei Manolescu & Mauro Paternostro
ESR Representatives:	André Xuereb & Amikam Levy
Equalities Representatives:	Yasser Omar & Roberta Zambrini
Webmaster:	Marion Baxter-Sibley
Dissemination/Outreach Co-ordinators:	James Millen & André Xuereb

The website will be updated to reflect these changes shortly.

Job Vacancies

Open PhD position in quantum thermodynamics theory at the University of Exeter, with Dr Janet Anders.
Full funding for UK students.
Application deadline is 13th February 2015.
<http://www.exeter.ac.uk/studying/funding/award/?id=1729>

New Members

3 new members have joined the network since the last newsletter.

Administrative Information

Please send any items for inclusion in the next newsletter to me -
costmp1209@gmail.com.

COST Acknowledged Publications

Please send details of any new COST acknowledged publications to
costmp1209@gmail.com.

Kind regards,

Marion