

COST Action MP1209 “Thermodynamics in the Quantum Regime” Newsletter

Thursday February 4th 2016

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COSTMP1209 – 6th Working Group Meeting

21-24 February 2016, Atard, Malta. André Xuereb, Lucienne May Bugeja, Jackson Levi Said and Alison Darmanin are organising this event.

The meeting website is <http://qutmalta.sciencesconf.org>

The submission of abstracts is now closed.
Registration to attend is now closed.

The 6th Working Group Meeting in Malta will provide a platform to discuss results and questions relating to each working group and topics that cut across groups. This meeting will be organised along the lines of the three main themes addressed by the action: Thermalisation, information in thermodynamics, and implementations. Sessions that tie these themes together will serve to provide a bird's eye view of the work achieved by this network, and the major questions that still remain open.

E-COST funding invites have now been sent to participants who will be COST funded for this event."

COSTMP1209 – 4th Quantum Thermodynamics Conference

8-15 May 2016, Ettore Majorana Centre, Erice, Italy. Michele Campisi and his team are organising this event.

The 4th Quantum Thermodynamics conference covers the main topics of quantum thermodynamics. In particular questions regarding the emergence of thermalisation in quantum systems, the interplay of information and thermodynamics in quantum systems and devices (e.g. quantum thermal engines), and the according experimental implementations.

The meeting website is <http://qtd4.sciencesconf.org>

The submission of abstracts is now open until 7th February 2016

A limited number of participants will be funded by COST MP1209 to attend the event. Please remember to comment if you want to be considered for funding upon registration

Forthcoming Events in Year 4

COSTMP1209 – Training School- Thermodynamics and non-equilibrium phenomena for quantum interfaces of light and matter.

Aug/Sept 2016, Institute of Theoretical and Applied Physics (ITAP), Turunc/Marmaris, Turkey. [The meeting website is to be announced.](#)

COSTMP1209 – 5th Quantum Thermodynamic Conference

The management committee (MC) has approved an application for the 5th Quantum Thermodynamics Conference to be held in Oxford, UK, during March 2017. The event will be organized by Luis Correa, Felix Binder, Gerardo Adesso & Cormac Browne. Congratulations!

Other Non-Cost Meetings

Other Non-Cost Meetings

APS Meeting: Quantum Information and Thermodynamics

14-18 March 2016, Baltimore Convention Centre, Baltimore, Maryland, USA.

Further details can be found at:

<http://www.aps.org/meetings/march/scientific/index.cfm>

The Topical Group on Quantum Information, Concepts and Computation is pleased to announce a focus session on Quantum Information and Thermodynamics at the 2016 APS March Meeting. The purpose of the focus session is to highlight current experimental and theoretical research on the interplay of quantum mechanics and thermodynamics. We encourage you to consider sending a contributed talk for this session.

STSM Update

STSM call 12 will open on 1 March 2016 and applications must be submitted by the 15th March. Further details of this and future calls can be found on the website

<http://blogs.exeter.ac.uk/qut/>

Please remember that STSM applications are a competitive process. Therefore, if you are considering applying, please give yourself the best chance of success by ensuring your project description is as strong as possible.

Website

We are currently experiencing technical difficulties with the 'join us' page. If you know of anyone wishing to join, please ask them to send their CV and general information direct to the Project Administrator Sandra Howsley at costmp1209@gmail.com.

The website will be updated in the upcoming weeks, so please check regularly for new information.

New Members

9 new members recently joined our network.

Administrative Information

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

COST Acknowledged Publications

COST acknowledged publications received recently, will be detailed in the next newsletter.

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