International Symposium on Finite-Time Thermodynamics
–
Past, Present, and Future

Venue: Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark

Time: Monday, May 23rd to Wednesday, May 25th 2022.

Schedule

Sunday, May 22rd:

19:00 Informal get together with dinner (at Restaurant LaRocca)

Monday, May 23rd:

09:15 **Opening and Welcome**
Karl Heinz Hoffmann, Technical University Chemnitz
Jan W. Thomsen, Director Niels Bohr Institute
Bjarne Andresen, Niels Bohr Institute

Robert Niven, University of New South Wales, Canberra
Upside Down Thermodynamics
Peter Salamon, San Diego State University
Finite Time Thermodynamics through the Ages

10:45 coffee

11:30 *Karl Heinz Hoffmann, Technical University Chemnitz*
Finite-Time Thermodynamics of Endoreversible Systems
Chris Essex, University of Western Ontario
Radiative Transfer and Generalized Winds

13:00 lunch

14:30 *Jeff Gordon, Ben Gurion University*
How Bjarne Annealed Me
Andrea Insinga, Technical University of Denmark
Limit Cycles for Quantum Heat Engines

16:00 coffee

16:45 *Paolo Sibani, University of Southern Denmark*
Statistical Mechanics of (some) Evolving Metastable Systems: a Record Dynamics Description
Sunil Nath, Indian Institute of Technology Delhi
Optimization of Biological Free Energy Conversion in Oxidative Phosphorylation

18:15 end of talks

19:30 dinner (at Restaurant Roberta)

Tuesday, May 24th:

09:15 *Ronnie Kosloff, Hebrew University of Jerusalem*
Quantum Thermodynamics

10:45 coffee

11:15 *Christian Schön, Max Planck Inst. For Solid State Research*
Of Thermodynamics and Energy Landscapes
Ty Roach, San Diego State University
Wholome Thermodynamic Feedbacks (WTF)

12:45 lunch

13:45 Excursion Louisiana Museum / dinner (at Restaurant Sletten)

Wednesday, May 25th:

09:15 *Anca Segal, San Diego State University*
Possible (In)Decision Points and Their Consequences

10:45 coffee

11:15 *Robert James Sunderland, Niels Bohr Archive*
The history of Niels Bohr and his institute

13:00 lunch

14:30 *Anil Bhalekar, R. T. M. Nagpur University*
Transition State Theory . . .
Alexis de Vos, University of Gent
Thermodynamics of Computing

16:00 coffee

16:45 *Bjarne Andresen, University of Copenhagen*
Heat Exchange Systems with Minimal Irreversibility
Bjarne Andresen, University of Copenhagen
Concluding Remarks

18:15 end of talks

19:30 dinner (at Restaurant LaRocca)