

**NORDFORSK Winter Miniworkshop  
Tampere University of Technology  
February 14.-15.2.2013**

**PROGRAM**

**Thursday 14.2.**

- 10.00 Opening and coffee
- 10.15 Esa Räsänen: Overview of TUT activities
- 10.45 Ville Kotimäki: On fractal transport
- 11.00 Yousof Mardoukhi: Quantum computing
- 11.15 Janne Solanpää: Chaos in two-particle systems
- 11.30 Discussion

-----  
12.00 Lunch  
-----

- 13.00 Jan Petter Hansen: Overview of Bergen activities
- 13.30 Therese Frostad: Spin-orbit coupling in quantum dots
- 14.00 Lars Haavardstun: Double quantum dots as qubits
- 14.15 Coffee Break
- 15.00 Eva Lindroth: Overview of Stockholm activities
- 15.30 Carl Wesslen: Coupled-cluster methods
- 15.45 Discussion
- 16.30 End of the day

-----  
19.00 Workshop dinner at Henriks Restaurant  
-----

**Friday 15.2.**

- 9.00 Brainstorm session I: High-harmonic generation in solid-state materials
- 10.00 Brainstorm session II: Spin-orbit coupling and many-electron calculations  
*Parallel student working group during I and II*

-----  
12.00 Lunch  
-----

- 13.00 Brainstorm session III: Joint projects on I and II
- 14.30 Coffee
- 15.00 Final discussions
- 16.00 End of the meeting

