

## ESF Workshop

# Towards single-spin physics

November 30, 2007, MONS Congress Center (Ravnikar room), Ljubljana, Slovenia

## Program

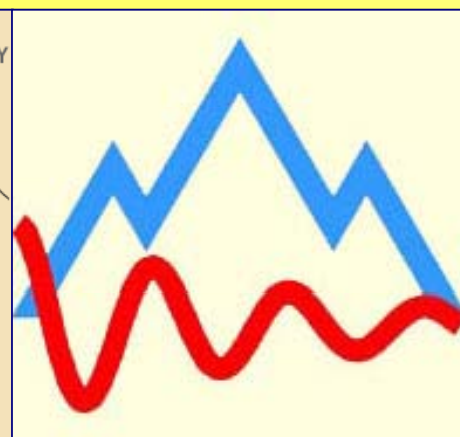
- 9:00 – 9:10 Welcome (J. Dolinšek)  
Presentations by participants:
- 9:10 – 10:00 **Yishay Manassen**, Beer Sheva  
*Scanning tunneling microscopy (STM) detection of single spins*
- 10:00 – 10:50 **Beat Meier**, Zurich  
*Magnetic resonance force microscopy (MRFM) detection of spin signals*
- 10:50 – 11:20 Coffee break
- 11:20 – 12:10 **Dieter Suter**, Dortmund  
*Optical spin detection*
- 12:10 – 13:00 **Hervé Desvaux**, Gif sur Yvette  
*NMR with highly polarised, highly concentrated xenon solutions*
- 13:00 – 15:00 Lunch break (at MONS self-service restaurant)
- 15:00 – 15:30 **Mirjana Božić**, Belgrade  
*Spin in quantum interferometry*
- 15:30 – 16:00 **Denis Marion**, Gif sur Yvette  
*Spectral and dynamic features of spontaneous  $^{129}\text{Xe}$  masers*
- 16:00 – 16:30 Coffee break
- 16:30 – 17:20 **Janez Dolinšek**, Ljubljana  
*Thermal memory in spin systems*
- 17:30 – 19:00 Round-table discussion (state-of-the-art of single-spin physics)



Ljubljana



Slovenia



Slovenian NMR Center

### Contact:

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