

Lower Saxony Meeting – 12. July 2023 – Osnabrück

arrival of train at Osnabrück main station

10:41 train no. WFB RE 60
10:51 train no. IC 148

bus from Osnabrück main station to botanic garden

10:55 – 11:12 bus no. 17
11:05 – 11:22 bus no. 16
11:15 – 11:32 bus no. 17

Program

11:45 – 12:15 speaker: Dr. Roman Rausch, TU Braunschweig
 title: The sawtooth chain family: a controlled prototype of frustrated-spin physics

12:15 – 12:45 speaker: Dr. Suman Mondal, U Göttingen
 title: Charge pumping at finite temperatures

12:45 – 14:00 lunch break: Mensa Westerberg

14:00 – 14:30 speaker: Dr. Anas Abdelwahab, U Hannover
 title: Heterogeneous correlated systems: atomic wires on substrates and alternating odd-even ladders

14:30 – 15:00 speaker: Dr. Jiaozi Wang, U Osnabrück
 title: Impact of decoherence on the route to equilibrium

15:00 – 15:30 speaker: Dr. Christian Bartsch, U Osnabrück
 title: Equivalence of autocorrelation dynamics in Lanczos and Mori formulation and equilibration times

15:30 – 16:00 coffee break

16:00 – 16:30 speaker: Gökmen Polat, M.Sc., U Hannover
 title: Investigation of pairing behavior in the Emery model on ladders and similar structures

16:30 – 17:00 speaker: Merlin Füllgraf, M.Sc., U Osnabrück
 title: New techniques to improve the DMRG-X algorithm

departure of train from Osnabrück main station

17:03 train no. IC 147
17:17 train no. WFB RE 60
19:03 train no. IC 149
19:17 train no. WFB RE 60