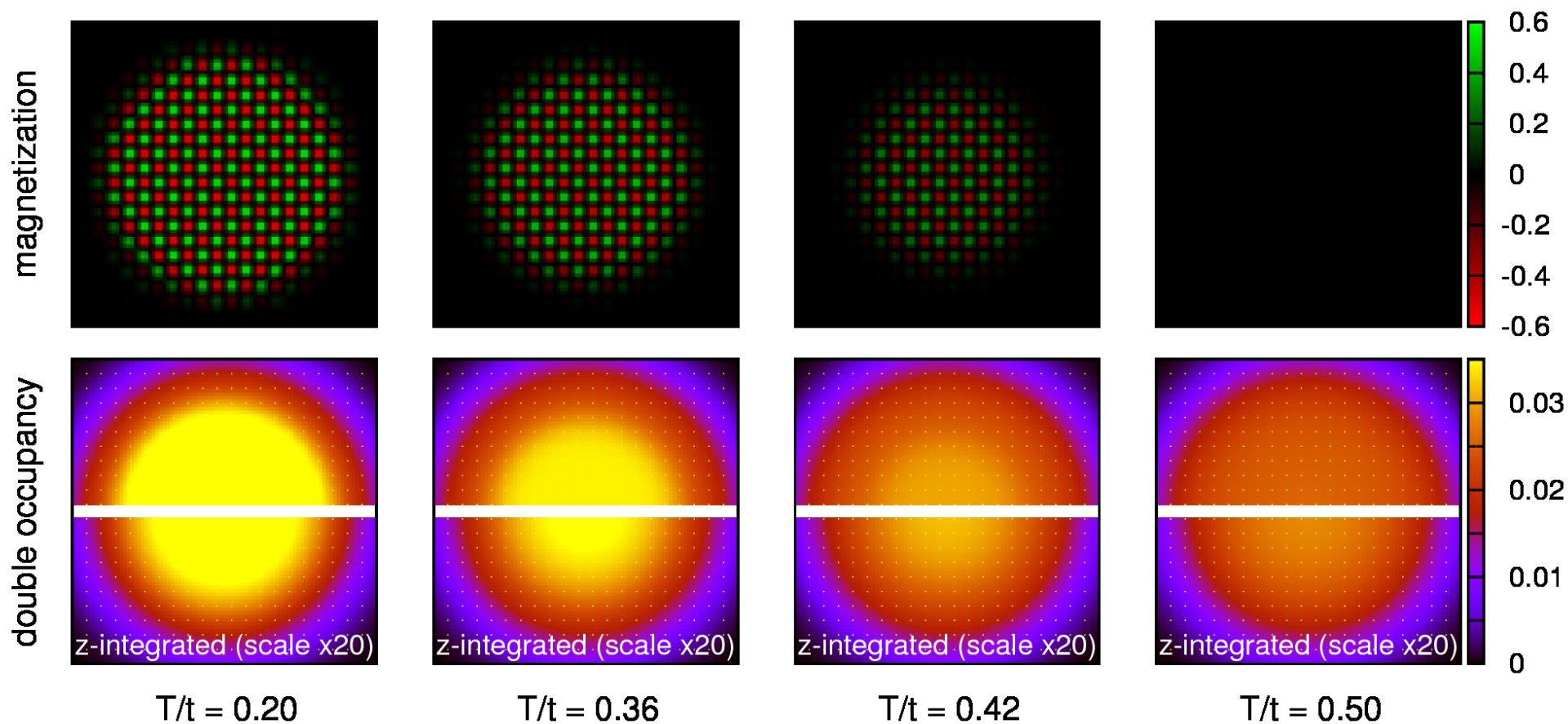


Néel Transition of Lattice Fermions in a Harmonic Trap: a Real-Space Dynamic Mean-Field Study

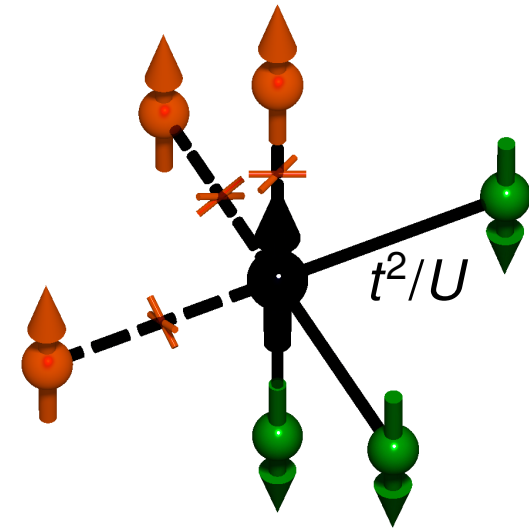
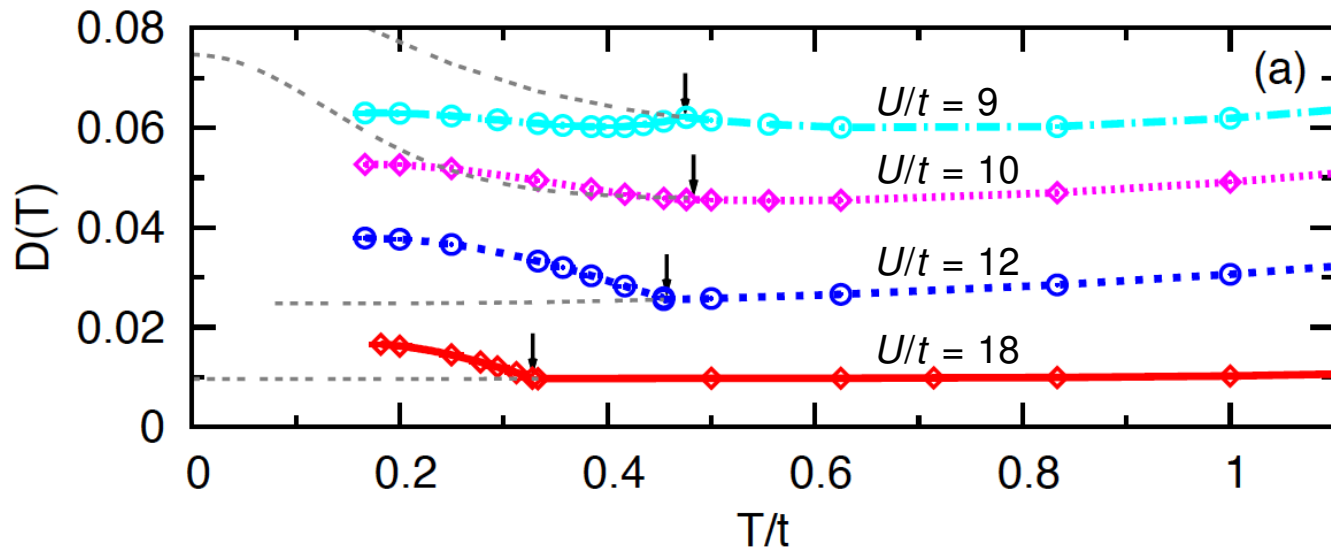
Elena Gorelik, Irakli Titvinidze, Walter Hofstetter, Michiel Snoek, and Nils Blümer

Nils Blümer, Univ. Mainz, Germany



AF correlations signaled by **enhanced double occupancy** (cubic lattice, $U/t = 12$)

Enhancement of D : genuine **strong-coupling** effect (cubic lattice, $n = 1$)



DMFT scenario confirmed for \square lattice

Effect suppressed by **frustration** ($\rightsquigarrow \Delta$)

