Proofs of some q-product identities conjectured by Merca

11.16 Silviu Radu

(Research Institute for Symbolic Computation, Johannes Kepler University, Linz, Austria) **Time:** Tuesday 23.07., 17:00 - 17:30, Room HS 4

Abstract: In the present talk we show how to prove several infinite q-product identities using modular functions. These q-product identities have been conjectured by Mircea Merca. This is joint work with Christian Krattenthaler and Mircea Merca.