

Thomas Baier, IST Lisbon

*On Hitchin's connection*

I will present an algebro-geometric (re-)construction of Hitchin's connection on the non-abelian theta functions, in the setting of a more general framework for connections defined by heat operators with prescribed symbol map going back to van Geemen-de Jong. This talk is based on joint work with M.Bolognesi, J.Martens and C.Pauly.