

abstract

Joint IAS-PU Symplectic Geometry Seminar
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

A bihermitian metric (or generalized Kahler structure) involves a pair of complex structures and a metric compatible with both. The study of these is closely related to that of holomorphic Poisson structures on a manifold. A deformation theorem for such complex Poisson manifolds leads to a concrete description of certain pairs of complex structures and we show how these can generate bihermitian metrics.