1062-35-148   **Bo Guan** and **Qun Li*** (`qun.li@wright.edu`). *Complex Monge-Ampere type of equations and totally real submanifolds.*

In this talk we shall report results on the Dirichlet problem for complex Monge-Ampère type of equations in Hermitian manifolds with general (non-pseudoconvex) boundary. As applications of the main result we study some connections between the homogeneous complex Monge-Ampere equation and totally real submanifolds. (Received August 04, 2010)