1071-65-227   **Junping Wang*** (`jwang@nsf.gov`), 4201 Wilson Boulevard, Arlington, VA 22230. *Maximum Principle for Finite Element Methods.* Preliminary report.

This talk will present some recent results for maximum principle for numerical approximations of second order elliptic PDEs (linear and nonlinear) arising from Galerkin finite element methods and mixed finite element methods. (Received March 07, 2011)