Some Recent Results on Conformally Invariant Equations

Yanyan Li

Department of Mathematics, Rutgers University, USA

Email: yyli@rutgers.edu

We will present some recent work on conformally invariant nonlinear elliptic equations. This includes results on Liouville type theorems, study of isolated singularies of solutions, existence and nonexistence of smooth solutions.   This is joint work with Baozhi Chu and Zongyuan Li.