

## **abstract**

GEOMETRIC PDE SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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In recent years, fully nonlinear versions of the Yamabe problem have received much attention. In particular, for manifolds with boundary,  $C^1$  and  $C^2$  a priori estimates have been proved for a large class of data. To get an existence result, it is important to establish a  $C^0$  bound. I will describe my joint work with Yanyan Li in this direction for locally conformally flat manifolds with umbilic boundary.