1150-35-115 **Ovidiu Savin** and **Hui Yu*** (huiyu@math.columbia.edu). *Regularity of the singular set in the fully nonlinear obstacle problem.*

In this talk we describe a method to study the singular set in the obstacle problem. This method does not depend on monotonicity formulae and works for fully nonlinear elliptic operators.

This is based on joint work with Ovidiu Savin from Columbia University. (Received July 02, 2019)