**Juan Luis Vazquez** (Universidad Autónoma de Madrid)

*Nonlinear Fractional Parabolic Equations in Bounded Domains*

**Abstract**

We report of work on the existence and regularity of solutions of nonlinear fractional parabolic equations posed in bounded domains. A large class of models is included. Attention is given to the boundary behaviour and the long time asymptotics. Works in collaboration with Bonforte, Figalli and Sire.