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Luca Spolaor* (lspoalor@mit.edu), **Maria Colombo** and **Bozhidar Velichkov**. *Convergence for parabolic obstacle problem and applications.*

I will prove the convergence at infinity of the strong global solutions of the parabolic obstacle problem to a unique stationary solution with a rate. I will then show how this is related to the regularity of the free-boundary of the stationary obstacle problem.

This is joint work with M. Colombo and B. Velichkov (Received January 28, 2019)