1064-35-252   **Peter Topalov*** (`p.topalov@neu.edu`), Boston, and **Thomas Kappeler** (`thomas.kappeler@math.uzh.ch`) and **Beat Schaad** (`beat.schaad@math.uzh.ch`). *On the asymptotics of the Birkhoff map.* Preliminary report.

I will discuss the proof of a conjecture of Kuksin and Perelman saying that the Birkhoff map of the KdV equation transforming it globally into normal form, is a 1-smoothing perturbation of its linearization at zero. (Received September 11, 2010)