

## **Spectrum of the linearized Euler operator**

YURI LATUSHKIN

University of Missouri-Columbia

This talk is scheduled at the Focus Session on fluid mechanics. We study spectral properties of the linearized Euler operator. For the generalized Kolmogorov flow we give the full description of the spectrum. Also, we prove spectral mapping property that relates the spectrum of the linearized Euler operator and the spectrum of the group generated by this operator.