Seminar Announcement

Turbulence, the Legacy of A.N. Kolmogorov

Jan Burczak

The aim of this seminar is to read the seminal book of U. Frisch Turbulence, the Legacy of A.N. Kolmogorov. The book is a perfect starting point to understand the turbulence for both mathematicians and physicists. For the former, because it is written by a physicist, thus a person who actually understands the fluid dynamics and experimental background. For the latter, because it is written by a mathematician, with some rigour and a unifying perspective.

The heart of the book (and hopefully of our seminar) is the so-called Kolmogorov 1941 theory and intermittency.

The seminar will be held online and starts in the week 19-23.04.2021. Anyone interested is welcome to contact me at burczak@math.uni-leipzig.de.