

Einladung zum
**Würzburger
Mathematischen Kolloquium**

Julius-Maximilians-Universität Würzburg • Fakultät für Mathematik und Informatik

Prof. Dr. Nicolas Seguin

Université de Rennes, France

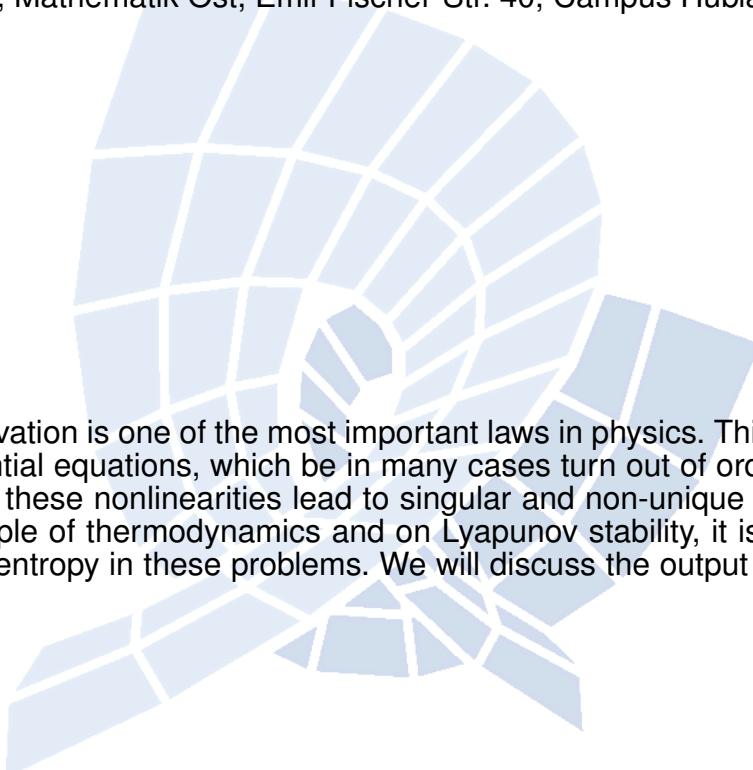
**Entropy and stability for hyperbolic
equations**

Mittwoch, 19. Juli 2017 • 16:15 Uhr

Raum SE 40, Mathematik Ost, Emil-Fischer-Str. 40, Campus Hubland-Nord

Inhaltsangabe:

The notion of conservation is one of the most important laws in physics. This can be used to derive partial differential equations, which in many cases turn out of order one and non-linear. Unfortunately, these nonlinearities lead to singular and non-unique solutions. Based on the second principle of thermodynamics and on Lyapunov stability, it is natural to introduce the concept of entropy in these problems. We will discuss the output of this additional requirement.



www.mathematik.uni-wuerzburg.de/kolloquium.html

Zu diesem Vortrag laden wir Sie herzlich ein.

Im Anschluss an den Vortrag stehen Kaffee und Tee im Foyer vor dem SE 40 bereit.

