



# EINLADUNG

im Rahmen des Literaturseminars

zum Vortrag von

**David HILDITCH**

(CENTRA, University of Lisbon)

über

***“The Black Hole Threshold”***

**Abstract:**

Numerical evolutions show that, in spherical symmetry, as we move through the solution space of GR to the threshold of black hole formation, the resulting spacetimes tend to display a surprising degree of simplicity. A heuristic description of this behavior, called critical collapse, has been built around this empirical fact. Less is known when symmetry is dropped.

In this presentation I will review the current status of the topic, focusing in particular on the struggle to understand the situation in axisymmetry.

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**Zeit: Mittwoch, 4.9.2024, 14:00h**

**Ort: Seminarraum A, Währinger Straße 17, 2. Stock**

<https://univienne.zoom.us/j/6540036841?pwd=SytyVkZJZzNyRG9lMm13ejlHeHRRUT09>

gez.: P. Chrusciel, D. Fajman