

**”The Trans-Carpathian Seminar on Geometry & Physics”**

(See also the [Geometry & Physics @ DFT](#) seminar homepage)

*Date:* Wednesday, Jan. 22, 2025, 15:15 - 17:15 EET (Bucharest time)

*Location:* online via Zoom

*Speaker:* **Peter Kristel** (Universit at Greifswald)

*Title:* **An Eclectic Excursion into 2-Categorical Geometry**

*Abstract:* I will give a gentle introduction into 2-categorical geometry by introducing 2-categorical generalizations of fundamental objects appearing in classical differential geometry, prime examples of such objects being vector spaces, groups, line bundles, and vector bundles. I will take a phenomenological approach to these topics, focusing on concrete descriptions and taking String Geometry as an organizing and motivating example.