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# Seminar Fizičkog odsjeka

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Vrijeme (s.t.)                                  Mjesto

utorak 28. 4. 2015., **11:00**h              predavaonica  **F201**

# Introduction to torsion only gravity

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It is well known that gravitation can be well described as a curvature of spacetime. Theories where curvature is supplemented with torsion are also well known. It turns out that gravitational phenomena can also be described by torsion only, without any curvature. In an appropriate limit such a theory is in agreement with General Relativity. This talk will present an introduction to the description of gravity via torsion without curvature, and its extensions to actions non-linear in torsion. Various scenarios such as stellar structure, black holes, and cosmology will be briefly discussed, as well as some potential shortcomings of the theory.

Voditelji seminara FO

Damir Pajić i Ivica Smolić