

Seminar: "Geometry&Physics", DFT (IFIN-HH)
([Seminar Homepage](#)) ([Indico Page](#))

Zoom link: <https://us02web.zoom.us/j/891199217919>

Date: Wednesday, October 28, 2020, 17:00 Bucharest time (15:00 GMT)

Title: **Connections on principal bundles with weakly Abelian structure group**

Speaker: **Calin Lazaroiu** (Department of Theoretical Physics, NIPNE)

Abstract: "I give a brief account of the theory of principal and adjoint connections on principal bundles with weakly Abelian structure group and describe the universal Chern-Weil morphism of such groups. Such connections model gauge potentials in certain physical gauge theories, such as "Abelian" gauge theories with manifest electromagnetic duality."