

Joint Seminar: "Geometry&Physics"-DFT (IFIN-HH) and "Geometry"-IMAR
([Geometry&Physics Homepage](#)) ([Geometry Homepage](#))

Seminar organizers: Mirela Babalic (NIPNE) & Sergiu Moroianu (IMAR)

Zoom link:

<https://zoom.us/j/99825110103?pwd=a2NYQXV6cDNXa2NwSC9FUGU3bzYzdz09>

Date: Tuesday, April 6, 2021, 10:00 a.m. Bucharest time (7:00 a.m. GMT)

Title: **Spinor squares, G-structures and Fierz potentials**

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

Abstract: I give a brief summary of the spinor squaring approach to studying solutions of generalized Killing spinor equations and of some of its applications to the study of certain G-structures. I also discuss potential functions which can be used to describe such G-structures as well as certain stratified versions thereof.