

SIMION STOILOW INSTITUTE OF MATHEMATICS OF THE ROMANIAN ACADEMY

Monthly conference:

Koszul modules and applications

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Wednesday, February 23rd 2022, 13.00

Join Zoom Meeting

<https://us02web.zoom.us/j/82982667372?pwd=SGRja0xQRGhhNHFXyzVUZGVmckNwQT09>

Meeting ID: [829 8266 7372](https://us02web.zoom.us/j/82982667372)

Passcode: 313653

Abstract: Koszul modules were introduced in 2015 by Ş. Papadima and A. Suciuc in a topological setup. They represent infinitesimal versions of Alexander invariants. I will report on some recent joint works with G. Farkas, Ş. Papadima, C. Raicu, A. Suciuc and J. Weyman on several applications of these objectives in algebraic geometry and geometric group theory.