Department of Mathematics
University of Delhi

# South Campus Colloquium Lectures in Mathematics

## You are cordially invited to a lecture

**by**

## Prof. A. Leroy

**University of Artois, Arras, France**

**On**

**"Evaluations of polynomials in noncommutative settings".**

## At 2.15pm

## Tuesday, 21 January, 2025

**at**
**Seminar Room 117, Arts Faculty,**
**University of Delhi South Campus**

**Abstract:** In the talk, we will start by recalling some basic properties of the evaluation of polynomials in one variable and follow the destiny of these properties while entering the non-commutative world. When the situation will be relatively strongly established for polynomial in one variable over a division ring, we will move to a more general base ring and start to analyze the situation of different kind of noncommutative multivariable extensions. If time permits, we will briefly have a glimpse towards applications in coding theory.

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