SIMION STOILOW INSTITUTE OF MATHEMATICS OF THE ROMANIAN ACADEMY

**Monthly conference:**

# *The Frobenius morphism in Commutative Algebra*

# Cristodor Ionescu

IMAR

**Wednesday, March 22, 2023, 13:00h**

**IMAR,** *Miron Nicolescu* amphitheater

**Abstract:** This will be a survey of some of the most important aspects and results about the Frobenius morphism between rings of characteristic $p$, where $p > 0$ is a fixed prime number: F-singularities, F-finiteness, etc.