

Facultatea de Matematică și Informatică
Grupul de Logică și Algebră Universală
Institutul de Cercetare al Universității din București (ICUB)

au plăcerea de a vă invita

Miercuri 13 septembrie, ora 11.30, Sala 202

la conferința cu titlul

**Incompleteness and
Incomputability: Theory vs. Practice**

susținută de

Cristian S. Calude
University of Auckland, New Zealand

Incompleteness and incomputability have been long used as arguments against (strong) AI, and, in particular, against the practicality of “doing mathematics with computers”.

In sharp contrast, recent AI successes - driverless cars, voice recognition, deep learning (for example, Mastery of the game Go) and proof-assistants, to name only a few - show how much machines can do.

Do we have a disagreement between theory and practice? Is the disagreement significant? Can theory be still relevant for practice? Can incomputability and incompleteness be even beneficial for AI practice? The talk will discuss answers to the above questions.