The place of synthetic biology as a new technical and scientific frontier has been growing since the mid 2000s. Its roots are to be found in the rapid progression of knowledge in biology and biochemistry and the convergence of nanotechnologies, life sciences and information technologies.

Synthetic biology's focus is the engineering of novel biological components as well as the re-engineering of existing biological entities. In other words, its aim is the intentional conception of artificial biological systems. Accompanied by uncertainty as to the definition of the field's objectives, topics and issues, the emergence of synthetic biology has provoked lively discussion on its promises and dangers.

With the participation of GENEVIEVE FIDRASO*, Minister of Higher education and Research

SPEAKERS: TRAVIS BAYER > LUIS CAMPOS > JEAN-PHILIPPE QUINTET > JACQUES HAIECH > ALAN IRWIN > PIERRE-BENOIT JOLY > FRANÇOIS KÉPES > CLAIRE MARIS > PIERRE MONSAN > CATHERINE PARADEISE > BENJAMIN RAIMBAULT > ALI SAIB* > PIERRE TAMBOURIN

* to be confirmed

Presentations will be made in English or French (depending on the speaker) but simultaneous translation will be available in the two languages.

DISCUSSIONS WILL FOCUS ON THREE MAIN TOPICS:

session 1
UNDERSTANDING THE EMERGENCE OF SYNTHETIC BIOLOGY AND ITS ISSUES

session 2
CHARACTERIZING THE SCIENTIFIC DYNAMICS OF SYNTHETIC BIOLOGY

session 3
ANALYZING THE CONTRIBUTIONS OF SOCIAL SCIENCES

REGISTRATION FEE: €120
€60 FOR GENOPOLE® AND IFRIS MEMBERS