



Rodolphe Sepulchre is Professor of Engineering at the University of Cambridge and Extraordinary Professor at the Université de Liège.

He has been an associate member of the Royal Academy of Belgium since 2013 and a Fellow of the IEEE since 2010. In 2008, he received the IEEE CSS Ruberti young researcher prize.

He is the co-author of the books 'Constructive Nonlinear Control' (1997) and 'Optimization Algorithms on Matrix Manifolds' (2008).

> sites.google.com/site/rsepulchre

FRANCQUI CHAIR 2015

PROFESSOR
Rodolphe Sepulchre

**Local methods
for nonlinear science and engineering**

Access to Louvain-la-Neuve

From Brussels :

- > Take the E411 motorway towards Namur, Luxembourg.
- > Take exit 8a marked 'Louvain-la-Neuve'.
- > At the roundabout on the N4, follow 'Louvain-la-Neuve Sud', 'Biéreau' or Bruyères' direction.
- > Follow parking P11, avenue Théodore Schwann
- > By foot, follow Auditoires Croix du Sud.

From Namur :

- > Take the E411 motorway towards Brussels
- > Take exit 9 marked 'Corroy-le-Grand/Louvain-la-Neuve'
- > Turn left towards the N4 at the roundabout turn right on N4. Follow the 'Louvain-la-Neuve', 'Biéreau' or 'Bruyères' directions.
- > Follow parking P11, avenue Théodore Schwann
- > By foot, follow Auditoires Croix du Sud.

GPS parking 'P11':

- > N 50° 40.117' - E 4° 37.260'



INAUGURAL LECTURE

Encounters between the local and the global
Hubs of simplicity in a complex world

Wednesday 4th February at 4pm
SUD18 Auditorium, place Croix du Sud,
1348 Louvain-la-Neuve

NEXT LECTURES

From 10:45am to 12:45pm
Euler Building, 4 av. Georges Lemaître,
1348 Louvain-la-Neuve

Monday February 9, 2015

The line, the ray, and the circle
Nonlinear spaces that possess efficient linearizations

Monday February 16, 2015

Local calculus made non-local
Averaging, filtering, and interpolating in nonlinear spaces

Monday February 23, 2015

Feedback glocalizes
A feedback principle of localization and an architecture for multiresolution behaviors

Monday March 2, 2015

Local rulers of non-local behaviors
Sensitivity analysis of switches and clocks

Monday March 9, 2015

The power of linearization
Nonlinear behaviors that possess informative linearizations

FRANCQUI CHAIR – BELGIAN PROFESSOR

PROFESSOR
Rodolphe Sepulchre

Professor Vincent Blondel, rector of the
Université catholique de Louvain,
Professor Michel Verleysen, dean of the
Louvain School of Engineering,

Have the honor to invite you to the lectures
held by the Professor Rodolphe Sepulchre.

The inaugural lecture will be followed by a
reception in the Hall Sainte-Barbe.

Please confirm your attendance by filling out the form at
www.uclouvain.be/503702