



This Summer in the United States, the Board will present the state of the art in Noncommutative Geometry and Algebraic K-theory, as well as the interrelations between the two subjects.

Long courses

Jean-Claude COUSMEZ Fabrice MOREL Boris TSYGAN	Course on the Conjecture of Poincaré (homotopy invariance) and generalization Introduction to noncommutative geometry Cyclic homology, noncommutative differential calculus and index theory
--	--

Short courses

Ronitt RUBinfeld Lars HESSELMANN Vladimir LAFONTAINE Sylvain MONTAUDO Shrawan TAMBURINI	Connections with K-theory The de Rham cohomology and topological Hochschild homology K-theory and applications Deformation quantization and index theory K-theory and cyclic homology Groups and families of varieties
---	---

Series of lectures on advanced subjects

Paul BAUM, Jean-Benoît BOUTAUD, Jean-Louis LERAY, Michel DUBOIS-VILLENEUVE, Alexander GRINBERG,
 Nigel HARRISON, Hiroaki KIKUCHI, Marius MIHAILA, Marc LEVINE, Igor MIRCIOVICI, Martin ROSE,
 Charles WEISS, Mircea WUICHI

Workshops, seminars, discussion groups

We plan to organize three workshops during the summer devoted to the following subjects:
 Applications to Theoretical Physics, index problems and Gravity Research, Poincaré
 Dual algebras, about the future will be devoted to seminars and discussion groups on special topics.

PROGRAMME, PAST

T2-2004 K-theory and noncommutative geometry

Start date : 1 March 2004 - **End date** : 13 July 2004

K-theory and noncommutative geometry

1er mars - 13 juillet 2004

Organizers :

M. Karoubi, R. Nest

More Information :

URL of the page: <https://www.ihp.fr/en/news-research-activities/t2-2004-k-theory-and-noncommutative-geometry>

Registration on :

Registration are closed

Financial support requests are now closed.

Through the CIMPA-CARMIN program the organizers wish to fund, with the support of the Labex CARMIN, the CIMPA and IHP, the participation of several young mathematicians from developing countries to the activities of the semester.

Young scientists (master students soon looking for a PhD, PhD students, postdocs) meeting those criteria and interested in the topics are much encouraged to apply for a support to participate on [the CIMPA web page](#).



INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.