



Alain COUSMES	<i>Course in the College de France (former mathematician, and philosopher now)</i>
Fabien MICHEL	<i>Introduction to modern analytic theory of sciences</i>
Benoit LUYTJAN	<i>Cyber-hermeneutics, non-constructive differential calculus and logic</i>

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- Cosmology and K-theory
- The de Rham-Witt complex and topological Hochschild homology
- E-theory and applications
- Deligne's conjecture and index theorems
- K-theory and cyclic homology
- Groups and K-theory

Paul BAUM, Jean BULLISARD, Jeanine CUNY, Michel DUBUC, CÉCILE, Alexandre GRONCHARD,
Nigel HEDSON, Bruce KAHN, Marc KAROUT, Marc LEVINE, Hans MOSKOWSKI, Michel ROSE,
Charles WEIBEL, Marcus WOODHEAD

We plan to organize three workshops during the semester devoted to the following subjects:

- *Applications to Theoretical Physics*, both problems and theory courses; (very short, afternoon, about 100 minutes) for Advanced students and discussion groups on special topics

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.