

Thematic School on Operads

CIRM, Luminy (Marseille), 20-25 April 2009

The notion of operad was introduced to encode algebraic operations. This theory arose in the 70's at the University of Chicago where it was created in order to recognize iterated loop spaces in algebraic topology. Since the early 90's, operads have encountered a renaissance. Still then, they have been successfully used in many fields of mathematics like algebraic topology, differential geometry, universal algebra, algebraic combinatorics, category theory, mathematical physics and computer science.

The purpose of this thematic school is to provide mini-courses on operads with the applications in these fields.

List of Speakers:

Marcelo AGUIAR (Texas A&M University)

Benoit FRESSE (Université de Lille)

Yves LAFONT (Université de Aix-Marseille II)

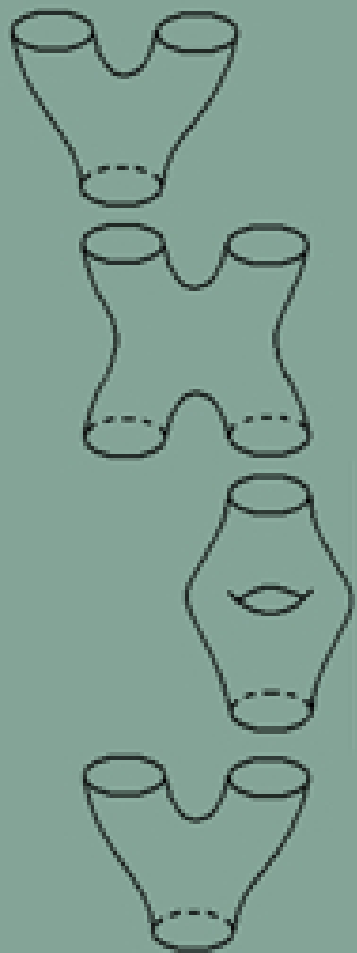
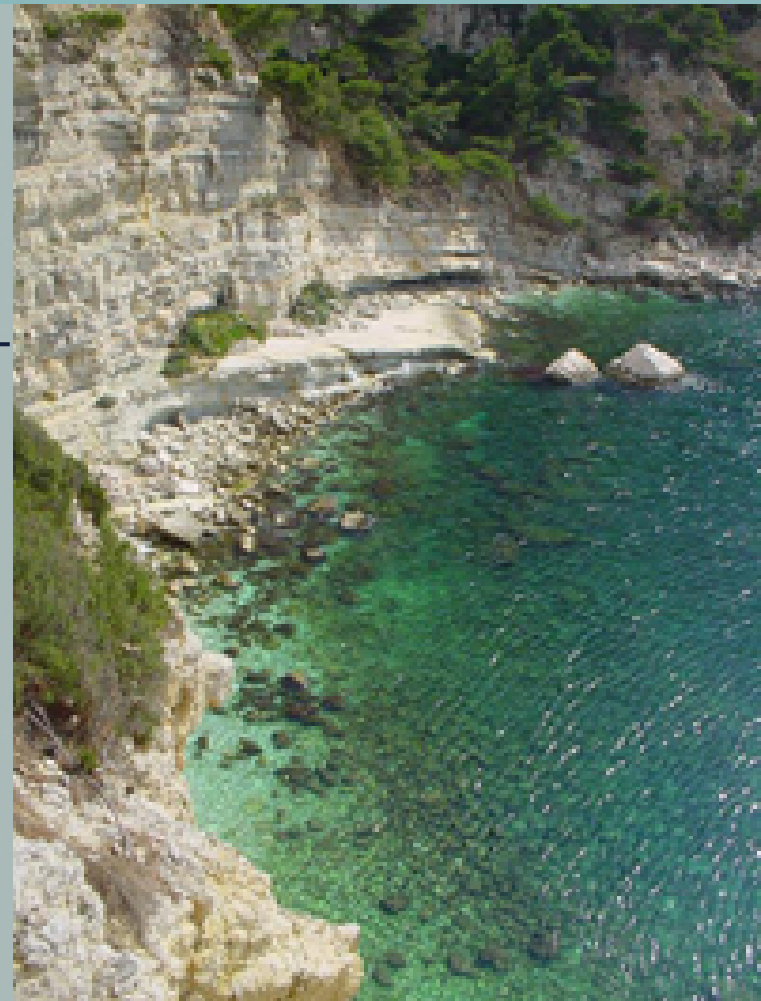
Pascal LAMBRECHTS (Université de Louvain)

Jean-Louis LODAY (CNRS, Strasbourg)

Sergei MERKULOV (Stockholm University)

Ieke MOERDIJK (Utrecht University)

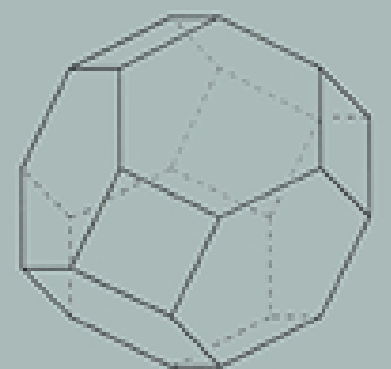
Bruno VALLETTE (Université de Nice Sophia-Antipolis)



Followed by

Operads 2009, April 27-30

International Conference on Operads



Web site: <http://math.unice.fr/~brunov/operads2009.html>

Organizers: Jean-Louis Loday, Bruno Vallette

Sponsors: CIRM, SMF, CNRS, ANR, GDR, IRMA, Laboratoire J.-A. Dieudonné