ΕΘΝΙΚΟ ΚΑΙ ΚΑΠΟΔΙΣΤΡΙΑΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ
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Αθήνα, 7 Απριλίου 2006

Ομιλία Γενικού Σεμιναρίου

Ομιλητής: **Καθηγητής Jean-Louis Loday,** Πανεπιστήμιο Strasbourg
και Director of research CNRS

Τίτλος: "Algebraic operads"

Ημερομηνία: **Πέμπτη** 13 Απριλίου 2006, **ώρα** 13:00

Τόπος: Αίθουσα Α32

Resume:

Associative algebras, and their companions commutative
algebras and Lie algebras, are well-known to mathematicians.
Recently a lot of activity has arisen for new kinds of
algebraic structures like: Leibniz algebras, dendriform
algebras for instance. I will first explain what they are
and in which context they arise. The relevant tool to study
all these types is called an "algebraic operad". I will
show show that such an operad is nothing but a monoid in
the category of Schur functors, and how this point of view
is fruitful. For instance it permits us to extend the Koszul
duality theory to operads.