

Paul Baum's 2005 Talks

1. Tata Institute for Fundamental Research (TIFR), Mumbai, India	01.28.05	"Some Classical Problems and Conjectures"
2. TIFR, Mumbai, India	02.01.05	"Dirac Operator and K-Theory for Discrete Groups"
3. TIFR, Mumbai, India	02.03.05	"The Equivariant Index"
4. TIFR Graduate Student Seminar, Mumbai, India	02.08.05	"An Introduction to K-Theory"
5. TIFR, Mumbai, India	02.09.05	"The Universal Example for Proper Actions"
6. Bahkti Vedanta Institute, Mumbai, India	02.10.05	"What is K-Theory and What Is It Good For?"
7. Conference in honor of Solovyov, Moscow State University, Moscow, Russia	02.14.05	"Dirac Operator and K-Theory for Discrete Groups"
8. London Math. Soc. K-Theory Day, University Of Manchester, UK	02.24.05	"Completing the Bernstein Program: A Geometric Conjecture within the Representation Theory of p-adic Groups"
9-11. Mtg. Noncommutative Geometry, K-Theory, and Physics 2005 sponsored by Keio University at Internat. Productivity Center, Shonan, Japan, 3 lectures	03.04.05	"What is K-Theory and What Is It Good For?"
	03.05.05	"Dirac Operator and K-Theory for Discrete Groups"
	03.06.05	"The Universal Example for Proper Actions"

12-15. Pathways Lecture Series in Mathematics, Keio University, Yokohama, Japan, 4 lectures	03.10.05	“What is K-Theory and What Is It Good For?”
	03.10.05	“Dirac Operator and K-Theory for Discrete Groups
	03.11.05	“The Universal Example for Proper Actions”
	03.11.05	“K-Theory for Locally Compact Groups”
16-18. DeLong Lectures, University of Colorado, (3 lectures)	03.28.05	“Mathematical Impossibilities”
	03.30.05	“What is K-Theory and What Is It Good For”
	04.01.05	“Trees, Buildings, Symmetric Spaces, and K-Theory for Group C* Algebras”
19-21 University of Warsaw, Poland	05.04.05	“Statement and Proof of the Atiyah-Singer Index Theorem I”
	05.11.05	“Statement and Proof of the Atiyah-Singer Index Theorem II”
	05.18.05	“Statement and Proof of the Atiyah-Singer Index Theorem III”
22. IMPAN (Mathematical Institute of the Polish Academy of Science) Ph.D. Student Colloquium	05.13.05	“Trees, Buildings, Symmetric Spaces and K-Theory for Group C* Algebras”
23. IMPAN (Mathematical Institute of the Polish Academy of Science) Graduate Student Seminar	05.16.05	“Spin ^c Manifolds and the Dirac Operator”
24. University of Warsaw Algebraic Topology Seminar	05.17.05	“Equivariant Chern Character in K-theory and K-homology”

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| 25. Non-communative Geometry Seminar, Vanderbilt Univ., Nashville, TN | 10.31.05 | “The Extended Quotient” |
| 26. Colloquium Talk, Univ. of Michigan | 11.29.05 | “What is K-theory and What is it Good For?” |
| 27. Geometry Seminar, Univ. of Michigan | 11.29.05 | “On the Hecke Algebra of Reductive p-adic Group: A Geometric Conjecture” |