

### **Paul Baum's 2010 Talks**

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| 1. AMS Special Session on Categorical and Algebraic Methods in Representation Theory, I, AMS-MAA Annual Joint Meeting, San Francisco      | 01.16.10 | “Morita Equivalence Revisited”  |
| 2. AMS Special Session on Harmonic Analysis and Representations of Reductive p-adic Groups 1, AMS-MAA Annual Joint Meeting, San Francisco | 01.16.10 | “Geometric Structure in the Representation Theory of Reductive p-adic Groups”   |
| 3. Non-commutative Geometry Seminar, IMPAN, Warsaw  | 02.16.10 | “Three Conjectures in the Representation Theory of Reductive p-adic Groups I”   |
| 4. Colloquium, Dept. of Math. Methods in Physics, Univ. of Warsaw   | 02.18.10 | “What is K-Theory and What is It Good For?”                                     |
| 5. Colloquium, IMPAN, Warsaw  | 02.18.10 | “Atiyah-Singer Index Theorem and Group Actions”                                 |
| 6. Non-commutative Geometry Seminar, IMPAN, Warsaw  | 02.22.10 | “Three Conjectures in the Representation Theory of Reductive p-adic Groups II”  |
| 7. Non-commutative Geometry Seminar, IMPAN, Warsaw  | 03.01.10 | “Three Conjectures in the Representation Theory of Reductive p-adic Groups III” |
| 8. Colloquium, Depts. of Math, University of Rzeszow & the Technical University of Rzeszow, Poland  | 03.02.10 | “What is K-Theory and What is It Good For?”                                     |
| 9. Dept. of Math, Methods in Physics, Univ. of Warsaw, guest lecturer in course “Introduction to Contemporary Mathematics”                | 03.03.10 | “The p-adic Numbers”  |

10. Colloquium, Dept. of Math, University of Western Ontario, London, Ontario, Canada	04.05.10	“What is K-Theory and What is It Good For?”
11. Non-commutative Geometry Seminar, Dept. of Math, Univ. of Western Ontario	04.06.10	“What is K-homology?”
12. Non-commutative Geometry Seminar, Dept. of Math, Univ. of Western Ontario	04.07.10	“Three Conjectures in the Repre- sentation Theory of $p$ -adic groups, I”
13. Non-commutative Geometry Seminar, Dept. of Math, Univ. of Western Ontario	04.08.10	“Three Conjectures in the Repre- sentation Theory of $p$ -adic groups, II”
14. Colloquium, Dept. of Math, University of Luxembourg	04.27.10	“What is K-Theory and What is It Good For?”
15. Non-commutative Geometry Seminar, Dept. of Math, Univ. of Luxembourg	04.29.10	“What is K-homology?”
16. Colloquium, Dept. of Math, University of Metz, France	04.30.10	“What is K-Theory and What is It Good For?”
17. Special Session on Non- Commutative Geometry, CMS 2010 Summer Meeting, University of N. Brunswick, Fredericton, Canada	06.05.10	“Fine Structure in the K-theory of Reductive $p$ -adic Groups”
18. University of New Bruns- wick Workshop on Index Theory, Fredericton, Canada (3 lectures)	06.07.10 06.08.10 06.09.10	“K-theory for Group $C^*$ Algebras I” “K-theory for Group $C^*$ Algebras II” “K-theory for Group $C^*$ Algebras III”
21. Keynote Speaker, Canadian Operator Algebra Symposium, U. of N. Brunswick, Fredericton, Canada, (2 lectures)	06.10.10 06.11.10	“What is an Equivariant Index?” “K-homology and Index Theory”

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| 23. PIMS (Pacific Institute for Math. Sciences), U. of Victoria, Victoria, BC, Canada   | 06.28.10 | “Cycles, Cocycles and Bicycles”                             |
| 24. Conference in honor of Ryszard Nest’s 60 <sup>th</sup> birthday, University of Copenhagen, Denmark  | 09.02.10 | “Fine Structure in the K-theory of Reductive p-adic Groups” |
| 25. GAP seminar, PSU  | 09.21.10 | “Cycles, Cocycles and Bicycles I”                           |
| 26. GAP seminar, PSU  | 09.28.10 | “Cycles, Cocycles and Bicycles II”                          |
| 27. Geometry Lunch Seminar, PSU   | 09.29.10 | “Atiyah-Singer Revisited”                                   |
| 28. Conference on K-Theory, C* Algebras, and Index Theory, Göttingen, Germany (I couldn’t attend this meeting, so the lecture was given by Thomas Schick using a beamer file I emailed to him.) | 11.02.10 | “Beyond Ellipticity”  |