

Operator Algebras/Harmonic Analysis

The Millenium Institute IM-AGIMB promoted the visit of Vaughan Jones to Brazil, specifically Florianópolis and Rio de Janeiro. He is one of the greatest specialists in the area of Operator Algebras and its applications to Physics. In 1990 he was awarded the Fields Medal, a unique distinction in the area of mathematics. His presence had a great impact on the researchers and PhD students. Also, he led a joint important research project with R. Exel of the Federal University of Santa Catarina. Moreover, his presence also stimulated the advance of the area in two different fronts: the first concerns a satisfactory description of an algebra considered to be of fundamental importance in the understanding of applications to physics, such as Ising's quantic model. The second front concerns the development of techniques suggested by research in this area from the analytic point of view to a pure algebraic context.