

Atlantic Association for Research in the Mathematical Sciences  
Memorial University of Newfoundland  
Atlantic Algebra Centre

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AAC's Mini Course on **Combinatorial Group Theory** will be delivered by  
**Professor Mark Sapir**  
Department of Mathematics, Vanderbilt University

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**Date and Time:** Monday, Tuesday, Thursday, March 4, 5, 7 from 4:00-5:00pm  
**Location:** MUN, Chemistry building, room C3033

Professor Mark Sapir was born in 1957 in Russia. He studied in Ural State University and got his PhD in 1983. He started working in Ural State University as an Assistant Professor in 1979 and he became an Associate Professor in 1989. In Early 90's he moved to USA and in 1993 he started working at University of Nebraska – Lincoln as an Associate Professor. He is currently a Centennial Professor at Vanderbilt University.

Professor Sapir was an invited speaker at ICM-2006 (Madrid). He has had many visiting positions where the most notable ones include: IHES, MPI-Bonn, MSRI, and University of Paris-7. Professor Sapir's research interests include algorithmic problems in algebra, geometric and asymptotic group theory. He has over a 100 journal publications with more than 800 citations (MathSciNet) or 1800 (Google Scholar). He is the managing editor of International Journal of Algebra and Computation and a member of editorial board of Algebra and Discrete Mathematics.

Professor Sapir will deliver AAC's 15-th mini course. He will talk about van Kampen diagrams, Burnside problems for groups, identities of groups, diagram groups and growth functions of groups.