

## INTERCOUNTRY LECTURESHIP QUESTIONNAIRE 2009

NAME: Dr. David Rosenthal

GRANT PERIOD: Jan. 16, 2010 - July 15, 2010

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BORN: June 26, 1975

PRESENT POSITION US: Assistant Professor, St. John's University

LANGUAGES: English

### GERMAN HOST INSTITUTION

(please provide links to homepages, if available)

Universität Münster

### ACADEMIC DISCIPLINE

Mathematics

### AREAS OF RESEARCH

Algebraic & Geometric Topology

### POSSIBLE LECTURE TOPICS

- Splitting results in algebraic  $K$ -theory
- Boundaries of universal space, and the Novikov conjecture.

### ACADEMIC TRAINING AND DEGREES

Ph.D. in Mathematics from

Binghamton University, May 2002

### PREVIOUS POSITIONS

Post-doctoral fellow, McMaster University  
(2002-2004)

### PUBLICATIONS (selected)

- "Hochschild homology relative to a family of groups," *Algebraic & Geometric Topology* 8 (2008), 693-728. (with A. Nicas)
- "On the  $K$ -theory of groups with finite asymptotic dimension," *Journal für die reine und angewandte Mathematik* 612 (2007), 35-57 (with A. Bartels)  
\*\*\*\*\*
- "On the algebraic  $K$ - and  $L$ -theory of word hyperbolic groups," *Mathematische Annalen* 332 (2005), 525-532.  
(with D. Schütz)
- "Splitting with continuous control in algebraic  $K$ -theory,"  *$K$ -theory* 32, (2004), 139-166.