GSU-USC Commutative Algebra Seminar, April 2008 Atlanta, GA April 25-27, 2008

The seminar represents a collaborative effort of commutative algebraists at Georgia State University and University of South Carolina to increase exposure of their research area in the South-East through periodic meetings. Each term GSU and USC organize a regional seminar and a national one. This Spring, GSU will organize the national seminar. A regional meeting is held in Columbia in January. There was a national meeting in Columbia, SC in November 2007, see the following webpage. For some of the past seminars, see the following links Fall 2007, April 2007, March 2007 or Fall 2006 and earlier.

Organizers

Florian Enescu (Georgia State University) fenescu@gsu.edu
Yongwei Yao (Georgia State University) yyao@gsu.edu

The main speaker for this meeting is Professor Ian M. Aberbach from the University of Missouri, Columbia. He will deliver a colloquium on Friday, April 25 at Georgia State University and a research talk later in the meeting.

Invited speakers are:

Ian M. Aberbach, University of Missouri, Columbia

Joe Brennan, University of Central Florida

Tài Hà, Tulane University

Andrew Kustin, University of South Carolina

Liana Şega, University of Missouri-Kansas City

Adela Vraciu, University of South Carolina

Ananth Hariharan, University of Kansas

The meeting will start on Friday afternoon with a colloquium by Ian M. Aberbach. The talks are 50 minute long and will take place in 796 COE, Paul Erdos room, on the 7th floor of COE building. For information regarding lodging and transportation please contact the organizers.

Schedule of Talks:

Friday April 25

2:30-3:30pm Ian M. Aberbach Uniform bounds in Noetherian rings, **Colloquium**

talk at GSU
4:00-5pm Tài Hà Algebra, combinatorics and edge ideals of hypergraphs.

Saturday April 26

10-11am Joe Brennan Localizations of categories with an application to analysis.
11:30-12:30pm Ananth Hariharan Computing Gorenstein Colength

Lunch break

2 -3pm Liana Şega A good class of Koszul Algebras
3:30 -4:30pm Ian M. Aberbach Connecting local cohomology to connectedness

Sunday April 27

10-11am Adela Vraciu Jumps in joint Hilbert-Kunz multiplicities
11:30-12:30pm Andrew Kustin Powers of Planar Ideals