



Mathematical Sciences Research Institute

MSRI/Evans Talk

Monday, March 10, 2008

4:10pm

60 Evans Hall

University of California, Berkeley

“Cluster algebras”

**Dr. Sergey Fomin
(University of Michigan)**

Cluster algebras arise in various algebraic and geometric contexts, with combinatorics providing a unifying framework. My presentation of the basic definitions and results of this emerging theory will be guided by two sets of examples: coordinate rings of classical algebraic varieties, and cluster algebras associated with bordered oriented surfaces with marked points.

Refreshments at a nearby establishment immediately following the talk!

*The purpose of these lectures is to introduce the present year's research programs at MSRI to the mathematical sciences community in Berkeley. The talks will be **expository and nontechnical**, providing some of the flavor of ongoing research at MSRI.*

Graduate students and Postdoctoral Fellows are particularly invited to attend these lectures.

Further information and links to the MSRI program and workshop web pages are available at:

<http://www.msri.org>