

MSCS Mess

Department of Mathematics, Statistics, and Computer Science
St. Olaf College, Northfield, MN 55057

March 4, 2016

<http://wp.stolaf.edu/mscs/mscs-mess/>

Volume 44, No. 17

MSCS Research Seminar

Title:	Combinatorics of standard Young tableaux
Speaker:	Michael Chmutov, NSF postdoctoral fellow at the U of M
Date:	Monday, March 7
Time:	3:30- 4:30 pm
Location:	RNS 310

About the talk: Standard Young tableaux are elementary, combinatorial objects which arise naturally in abstract algebra (specifically in representation theory of the permutation groups). We will discuss two interesting results; one is the hook-length formula which allows us to compute the number of standard Young tableaux, and the other is the bijection between permutations and pairs of standard Young tableaux called the Robinson-Schensted correspondence. There are no prerequisites for this talk since the statements are completely elementary, however having had a group theory course may help with the motivation.

MSCS Recital

The annual MSCS Recital is only six weeks away, Wednesday, April 6th, to be exact. That's just a week and a half after spring break! Make your plans now to attend or, even better, perform.

The recital is an annual recognition of the talent,

of all types, of the members of the MSCS community. Faculty and students will perform, together and separately, for a couple of hours in the evening. Anyone associated with MSCS is welcome to participate, as a performer or an observer. We will gather at 7:00pm in Ytterboe Lounge. This is a fun, relaxed gathering of students and faculty on equal footing. We sincerely hope you will join us.

As with most MSCS events, there will be food and drink, but this event features homemade food offerings, not Bon Appetit fare. If you are interested in performing, please contact Steve McKelvey (mckelvey@stolaf.edu).

From the Editor

Q: If the set of power stations forms a group under the operation of power generation, when isn't it cyclic?

A: When the generators are out of order.

Editor-in-Chief:	Akina Khan
Faculty:	Thomas Rogers
Mess Czar:	Patty Martinez

*If you would like to submit an article or event to be published in the MSCS Mess, e-mail khan@stolaf.edu
If you wish to receive a digital copy of the MSCS Mess every Friday, e-mail martinez@stolaf.edu or check it out online*