

# $\mathcal{M} \in B -17$ Matroids in Boston

Northeastern University  
Sept 11 - Sept 15, 2017



We organize a Thematic Week on Matroid Theory and related topics.  
All seminars, unless stated otherwise, are in Room 509 Lake Hall.

## **Sept 11, 11:45 – Alex Fink**

Geometry, Algebra, Singularities, Combinatorics (GASC) seminar  
*Matroids (of modules) over rings and their structure*

## **Sept 12, 16:00 – Ivan Martino – Room 544 Nightingale**

Pick My Brain seminar  
*Algebraic Structures related to Matroid Theory*

## **Sept 13, 16:15 – Alex Suciú**

Graduate Lecture  
*Resonance varieties for matroids*

## **Sept 14, 16:00 – Pablo Soberón**

Graduate Lecture  
*Holmsen's version of the colorful Caratheodory theorem for oriented matroids*

## **Sept 15, 14:00 – PhD Student talks**

Reuven Hodges  
*Straightening fillings of Young diagrams*

Finn Prideaux  
*Identifying families of cyclic flats*

Rahul Singh  
*Conformal variety of the Schubert divisor in type A*