

Student Algebraic Geometry Seminar

Organizer(s): Andrew Critch and Andrew Dudzik

Fridays, 4:00–5:00pm, 740 Evans

Fri, Mar 23 **Andrew Dudzik**, UC Berkeley

Spectral Spaces

How is a scheme like a simplicial complex? Is the Zariski topology related to model theory? Can you name five functors that start with “Sp”? I’ll answer these questions and more in a crash course on *spectral spaces*, an old but new concept that geometers should know about. I’ll give examples of some of the basic tools used to study different kinds of algebraic spectra, and how to use lattices to construct a scheme without closed points.

After the seminar, everyone is invited out for drinks and dinner with the speaker.