

**Silvermania 2015 Schedule** — August 11–15, 2015 — Brown University, MacMillan Hall, Room 117

	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>	
9:00–9:15	Registration	<b>Jeff Hoffstein</b> The story of NTRU	<b>Laura DeMarco</b> Variation of canonical height, illustrated	<b>David Masser</b> Specializations and bounded height	<b>Felipe Voloch</b> Waring’s problem for polynomials	
9:15–9:30						
9:30–9:45						
9:45–10:00						
10:00–10:15	<b>Bjorn Poonen</b>	Tea	Tea	Tea	Tea	
10:15–10:30	Heuristics for boundedness of ranks of elliptic curves					
10:30–10:45	Tea	<b>Katherine Stange</b>	<b>Masato Kuwata</b>	<b>Bianca Viray</b>	<b>Rafe Jones</b>	
10:45–11:00		Visualising arithmetic of imaginary quadratic fields	Elliptic K3 surfaces with Mordell-Weil rank 18	Obstructions to the Hasse principle . . .	An arithmetic dynamical Mordell-Lang conjecture	
11:00–11:15		<b>Patrick Ingram</b> Arithmetic dynamics of correspondences	<b>Umberto Zannier</b>	<b>Marc Hindry</b>	<b>Shu Kawaguchi</b>	<b>Michael Rosen</b>
11:15–11:30	On Silverman’s bounded height theorem and unlikely intersections		Brauer-Siegel ratio for abelian varieties over global fields	Around canonical heights in arithmetic dynamics	The Kronecker–Weber theorem in function fields	
11:30–11:45						
11:45–12:00						
12:00–12:15	Lunch	Lunch	Lunch	Lunch	Closing	
12:15–12:30						
12:30–12:45						
12:45–1:00						
1:00–1:15						
1:15–1:30						
1:30–1:45						
1:45–2:00						
2:00–2:15						
2:15–2:30						<b>Ian Sprung</b>
2:30–2:45	The Iwasawa main conjecture. . .	Galois action on homology of Fermat curves	Self-maps of $\mathbb{P}^1$ with fixed degeneracies	Recent applications of Schmidt’s subspace theorem		
2:45–3:00	<b>Rob Benedetto</b>	<b>Wade Hindes</b>	Tea			
3:00–3:15					Determining potential good reduction. . .	Prime divisors in dynamical orbits
3:15–3:30	Tea	Tea & Poster Session	Arthur Baragar			
3:30–3:45						Interpreting Euclidean structure in the. . .
3:45–4:00						<b>Holly Krieger</b>
4:00–4:15	<b>Matt Baker</b> Lower bounds for average values of Green’s functions. . .					
4:15–4:30						
4:30–4:45						
4:45–5:00						
5:00–5:15						
5:15–5:30						
5:30–5:45						
5:45–6:00						
6:00–				<b>Banquet</b> Providence Marriott Downtown 1 Orms Street		