

	Graduate Summer School	Secondary School Teachers Program	Research Program	Undergraduate Faculty Program	Undergraduate summer school
6:45-8:15	Breakfast (Moose and Miner Room at the Grub Steak Restaurant)				
8:30-9:30	Lecture: <i>Vatsal</i> (Grand theater)	Developing Mathematics (begins at <b>8:15</b> each day) (Silver King 2-4)			
9:30-9:40		Break			
9:40-10:40	Problem session (PCMI tent)	Developing Mathematics continued (Silver King 2-4)	Seminar: Barry Smith; <i>The Brumer-Stark conjecture for some cyclic extensions</i> (Grand Theater)		Advanced course: <i>Conrad</i> (Coalition 1&2)
10:40-11:00		Break			
11:00-12:00	(nothing scheduled)	Reflection on Teaching Practice (Silver King 2-4)	Lecture: Ken Ribet; <i>Non-optimal levels of reducible Galois representations</i> (Grand Theater)		Intro course: <i>Lozano-Robledo</i> (Coalition 1&2)
12:00-1:15	Lunch (PCMI Tent) Friday Lunch Flick “Hard Problems” will be shown in the Grand Theater. Bring your lunch and watch the movie (use the to-go utensils available on the buffet lines).				
1:00-2:00	Problem Session (Grand Theater)	Working groups (meeting rooms to be announced)		Course: <i>Pollack</i> (Coalition 1-2)	
2:00-3:00	Lecture: <i>Vatsal</i> (Grand Theater)	Working groups continued			
3:00-3:05		Break			
3:15-4:15	Cross Program Activity: Film Festival <i>N is a Number: A Portrait of Paul Erdős</i> (Grand Theater)				
4:15-4:30	Afternoon Tea (Foyer outside Grand Theater)				
4:30-6:30	Graduate Students' research talks: Simon Marshall, Tommy Occhipinti, Jeanine van Order, Ekin Ozman, Sunil Chetty, Ricardo Conceicao, Jiangwei Xue. (Grand Theater)		Graduate Students' research talks: Simon Marshall, Tommy Occhipinti, Jeanine van Order, Ekin Ozman, Sunil Chetty, Ricardo Conceicao, Jiangwei Xue. (Grand Theater)	4:30 – 5:30 Seminar (South Lounge)	4:30-5:30 Advanced Course Problem Session (Coalition 1-2)  5:30-6:30 Intro Course Problem Session (Coalition 1-2)

**THE COMPUTER LAB AND PCMI WIFI NETWORK WILL BE CLOSED AS OF 5:00 P.M.**