StFX-CMS Math Camp Grades 10 and 11
St. Francis Xavier University
May 18-20, 2018

Schedule

Friday May 18
9:15-9:45 Arrival & check-in (MacIsaac Hall)
9:55-10:00 Opening Remarks, Dr. Petra Hauf, Dean of Science
10:00-10:20 Icebreaker
10:20-11:10 Numbers and Shapes, Dr. Ping Zhou
11:10-12:10 Team Problem Solving (Photo session; Group photo before lunch - Blaise MacMullin, 11:15-12:10)
12:10-1:00 Lunch (Morrison Dining Hall – Reserved Seating in My Kitchen/Priest’s Dining Hall)
1:00-2:00 Mathematics in the world around us, Dr. Ryan Lukeman
2:00-2:15 Break
2:15-3:15 Math Relays
3:15-4:00 Student Panel, Mr. Keegan MacNeil (MSB 147)
4:00-4:45 Campus Tour
4:45-5:30 Technology Demonstration
5:30-7:00 Pizza Party (MacIsaac Hall 2nd Floor Lounge)
7:00-10:00 Dodgeball (Auxiliary Gym, Oland Centre: 7-9pm) and Games Night (MacIsaac Hall 2nd Floor Lounge)

Saturday May 19
8:00-9:00 Breakfast (Morrison Dining Hall – Reserved Seating in My Kitchen/Priest’s Dining Hall)
9:00-10:00 Team Problem Solving
10:00-10:15 Break
10:15-11:45 Exploring Computer Science, Dr. Iker Gondra/Dr. J. Levman/ Dr. M. Lin.
11:45-12:15 Activity – Computer Science
12:15-1:05 Lunch (Morrison Dining Hall – Reserved Seating in My Kitchen/Priest’s Dining Hall)
1:10-2:10 Surprising Connections in Math: From the Golden Ratio to Fractals, Dr. Tara Taylor
2:10-3:20 Math Relays
3:20-3:30 Break
3:30-4:30 Infinite Polynomials and some Special Functions, Dr. Robert van den Hoogen
4:30-5:30 Polyhedra and Euler’s Formula
5:30-6:30 Dinner (Morrison Dining Hall – Reserved Seating in My Kitchen/Priest’s Dining Hall)
6:30-7:00 Free Time
7:00-10:00 Math Trivia and Movies (MacIsaac Hall 2nd Floor Lounge)

Sunday May 20
8:00-9:00 Breakfast (Morrison Dining Hall – Reserved Seating in My Kitchen/Priest’s Dining Hall)
9:00-10:00 What are the chances? Dr. Derrick Lee
10:00-11:00 Team Problem Solving
11:00-11:30 Feedback Session/Awards
11:30 Departure (MacIsaac Hall)

Note: Except where otherwise noted, activities take place in Mount Saint Bernard S225.
Sponsored by: Canadian Mathematical Society (CMS), StFX University (Dean of Science, Department of Mathematics, Statistics and Computer Science, Recruitment and Admissions), Atlantic Association for Research in the Mathematical Sciences (AARMS), Science Odyssey.
Organizers: Dr. Joe Apaloo, Dr. Tara Taylor, Dr. Robert van den Hoogen, Dr. Ping Zhou