2016 Ithaca High School Senior Seminar
Student Research Presentations
Sunday, May 22, 2016
10:00 am – 3:15 pm
523 Malott Hall

10:00-10:05 Welcome
Severin Drix (Ithaca High School)
Mary Ann Huntley (Cornell University)

10:05-11:00 Projective Transformations and Harmonic Quadruples
Jeong Hyun Lee & Daniel Xu (Ithaca High School)
Daoji Huang (Cornell University)

11:05-11:50 Elliptic Cryptography
Adam Newhouse & Kieran Loehr (Ithaca High School)
Sergio Da Silva (Cornell University)

11:50-12:20 Lunch (pizza & soda provided)

12:20-1:15 Image Processing and Projective Geometry
Yaateh Richardson, Jasper White, & Julia Miller (Ithaca High School)
Daoji Huang (Cornell University)

1:20-2:05 Number Theory Problems Involving Squares
Eleanor Pereboom & Ronan Perry (Ithaca High School)
Sergio Da Silva (Cornell University)

2:10-3:05 Group Theory and the Pyraminx Puzzle
Zachary Stillman & Bowen Shan (Ithaca High School)
Sasha Patotski (Cornell University)

3:05-3:15 Final Remarks
Severin Drix (Ithaca High School)
Ravi Ramakrishna (Cornell University)

RSVP needed by Wednesday, May 18th
Send the following information to Mary Ann Huntley (huntley@math.cornell.edu)
• Your name
• Number of people you are registering
• Special accommodations (e.g., dietary constraints, mobility constraints)