

# SCHEDULE OF TALKS

**Thursday, July 26, 2018**

8:00 am to 9:00 am – Breakfast and Registration (Cox Science Veranda)

9:00 am to 9:30 am – Welcome (Cox Science Bldg., Room 145)

9:30 am to 10:45 am – Victor Reiner, Finite Reflection Groups and General Linear Groups, Part I  
(Cox Science Bldg., Room 145)

10:45 am – 11:15 am – Coffee Break (Cox Science Veranda)

11:15 am – 12:30 pm – Victor Reiner, Finite Reflection Groups and General Linear Groups, Part II  
(Cox Science Bldg., Room 145)

12:30 pm – 2:00 pm – Lunch (Cox Science Veranda)

2:00 pm – 2:45 pm – Special Session Talks, Part I

Algebraic Geometry: Ernesto Lupercio (Memorial Bldg., Room 211)  
Combinatorics: Stephanie van Willigenburg (Memorial Bldg., Room 312)  
Differential Geometry: Lu Wang (Memorial Bldg., Room 313)  
Mathematical Biology: Xi Huo (Memorial Bldg., Room 315)

2:45 pm – 3:00 pm – Coffee Break (Cox Science Veranda)

3:00 pm – 3:45 pm – Special Session Talks, Part II

Algebraic Geometry: Andrew Harder (Memorial Bldg., Room 211)  
Combinatorics: Carolina Benedetti (Memorial Bldg., Room 312)  
Differential Geometry: Martin Reiris (Memorial Bldg., Room 313)  
Mathematical Biology: Jorge Velasco-Hernandez (Memorial Bldg., Room 315)

3:45 pm – 4:00 pm – Coffee Break (Cox Science Veranda)

4:00 pm – 4:45 pm – Special Session Talks, Part III

Algebraic Geometry: Bernardo Uribe (Memorial Bldg., Room 211)  
Combinatorics: Alejandro Morales (Memorial Bldg., Room 312)  
Differential Geometry: Chao Li (Memorial Bldg., Room 313)  
Mathematical Biology: Zhisheng Shuai (Memorial Bldg., Room 315)

**Friday, July 27, 2018**

8:30 am to 9:30 am – Breakfast and Registration (Cox Science Lobby)

9:30 am to 10:45 am – Mark Lewis, Population Dynamics in Moving Environments, Part I  
(Cox Science Bldg., Room 145)

10:45 am – 11:15 am – Coffee Break (Cox Science Lobby)

11:15 am – 12:30 pm – Mark Lewis, Population Dynamics in Moving Environments, Part II  
(Cox Science Bldg., Room 145)

12:30 pm – 2:00 pm – Lunch (Cox Science Lobby)

2:00 pm – 2:45 pm – Special Session Talks, Part IV

Algebraic Geometry: Gabriel Kerr (Memorial Bldg., Room 211)  
Combinatorics: John Shreshian (Memorial Bldg., Room 312)  
Differential Geometry: Robert Haslhofer (Memorial Bldg., Room 313)  
Mathematical Biology: King-Yeung Lam (Memorial Bldg., Room 315)

2:45 pm – 3:00 pm – Coffee Break (Cox Science Lobby)

3:00 pm – 3:45 pm – Special Session Talks, Part V

Algebraic Geometry: Richard (Paul) Horja (Memorial Bldg., Room 211)  
Combinatorics: Rafael Gonzalez D'Leon (Memorial Bldg., Room 312)  
Differential Geometry: Christos Mantoulidis (Memorial Bldg., Room 313)  
Mathematical Biology: Salome Martinez (Memorial Bldg., Room 315)

3:45 pm – 4:00 pm – Coffee Break (Cox Science Lobby)

4:00 pm – 4:45 pm – Special Session Talks, Part VI

Algebraic Geometry: Andrei Teleman (Memorial Bldg., Room 211)  
Combinatorics: Marcelo Aguiar (Memorial Bldg., Room 312)  
Differential Geometry: Otis Chodosh (Memorial Bldg., Room 313)  
Mathematical Biology: Nancy Rodriguez (Memorial Bldg., Room 315)

7:30 pm – BANQUET – Shalala Student Center – Ballroom 3<sup>rd</sup> Floor

**Saturday, July 28, 2018**

8:00 am to 9:00 am – Breakfast (Cox Science Lobby)

9:00 am to 10:15 am – Michael Eichmair, On Scalar Curvature, Minimal Surfaces, and the Isoperimetric Problem in the Large, Part I (Cox Science Bldg., Room 145)

10:15 am – 10:45 am – Coffee Break

10:45 am – 12:00 pm – Michael Eichmair, On Scalar Curvature, Minimal Surfaces, and the Isoperimetric Problem in the Large, Part II (Cox Science Bldg., Room 145)

12:00 pm – 1:30 pm – Lunch (Cox Science Lobby)

1:30 pm – 2:30 pm – Panel Discussion on Graduate Education (Cox Science Bldg., Room 145)

2:30 pm – 2:45 pm – Coffee Break (Cox Science Lobby)

2:45 pm – 3:30 pm – Special Session Talks, Part VII

Algebraic Geometry: Manuel Rivera (Memorial Bldg., Room 211)  
Combinatorics: Sara Billey (Memorial Bldg., Room 312)  
Differential Geometry: Lucas Ambrozio (Memorial Bldg., Room 313)  
Mathematical Biology: Suzanne Lenhart (Memorial Bldg., Room 315)

3:30 pm – 3:45 pm – Coffee Break (Cox Science Lobby)

3:45 pm – 4:30 pm – Special Session Talks, Part VIII

Algebraic Geometry: Jacob Mostovoy (Memorial Bldg., Room 211)  
Combinatorics: Jose Samper Casas (Memorial Bldg., Room 312)  
Differential Geometry: Siyuan Lu (Memorial Bldg., Room 313)  
Mathematical Biology: Carlos Castillo-Chavez (Memorial Bldg., Room 315)

4:30 pm – 4:45 pm – Coffee Break (Cox Science Lobby)

4:45 pm – 5:30 pm – Special Session Talks, Part IX

Algebraic Geometry: Lino Grama (Memorial Bldg., Room 211)  
Combinatorics: Patricia Hersh (Memorial Bldg., Room 312)  
Differential Geometry: Abraão Mendes (Memorial Bldg., Room 313)  
Mathematical Biology: Juan Gutierrez (Memorial Bldg., Room 315)

**Sunday, July 29, 2018**

8:00 am to 9:00 am – Breakfast (Cox Science Lobby)

9:00 am to 10:15 am – Denis Auroux, An Invitation to Homological Symmetry, Part I  
(Cox Science Bldg., Room 145)

10:15 am – 10:45 am – Coffee Break (Cox Science Lobby)

10:45 am – 12:00 pm – Denis Auroux, An Invitation to Homological Symmetry, Part II  
(Cox Science Bldg., Room 145)

12:00 pm – 1:00 pm – Lunch (Cox Science Lobby)

1:00 pm – 2:00 pm – Yuri Tschinkel, Building Institutes, (Cox Science Bldg., Room 145)

2:00 pm – Conference Farewell