

Applied Combinatorics Summer School - Week 1

| | May 18 | May 19 | May 20 | May 21 | May 22 |
|--------------|---|--|---|--|---|
| 8:45 - 9:00 | | Welcome - Arts 263 | | | |
| 9:00 - 11:00 | Victoria Day | Minicourse 1: Random Generation of Combinatorial Structures I Éric Fusy Arts 263 | Minicourse 1: Random Generation of Combinatorial Structures II Éric Fusy Arts 263 | Minicourse 1: Random Generation of Combinatorial Structures III Éric Fusy Arts 263 | Minicourse 1: Random Generation of Combinatorial Structures IV Éric Fusy Arts 263 |
| 1:00 - 12:00 | | Problem Session Arts 263 | Problem Session Arts 263 | Problem Session Arts 263 | Problem Session Arts 263 |
| 12:00 - 1:30 | | Lunch break | Lunch break | Lunch break | Lunch break |
| 1:30 - 3:30 | | Minicourse 2: From Rosenbluth Sampling to PERM - rare event sampling with stochastic growth algorithms I Andrew Rechnitzer for T. Prellberg Arts 263 | Minicourse 2: From Rosenbluth Sampling to PERM - rare event sampling with stochastic growth algorithms II Andrew Rechnitzer for T. Prellberg Arts 263 | Minicourse 2: From Rosenbluth Sampling to PERM - rare event sampling with stochastic growth algorithms III Andrew Rechnitzer for T. Prellberg Arts 263 | Minicourse 2: From Rosenbluth Sampling to PERM - rare event sampling with stochastic growth algorithms IV Andrew Rechnitzer for T. Prellberg Arts 263 |
| 3:30 - 4:00 | | | | Coffee and Cookies - Arts 263 | Problem Session Arts 263 |
| 4:00 - 5:00 | | Problem Session Arts 263 | Problem Session Arts 263 | Colloquium - Arts 263 - Topology of Commuting Matrices Alejandro Adem | |
| 5:00 - 7:00 | Welcome Reception - Pizza and Soft Drinks Qu'Appelle Hall 222 | Dinner break | Dinner break | Dinner break | Dinner break |
| 7:00 - 8:00 | | | Presentation by Karen Yeats - Arts 263 | | |

Applied Combinatorics Summer School - Week 2

| | May 25 | May 26 | May 27 | May 28 | May 29 |
|--------------|--|---|--|--|---|
| 9:00 - 11:00 | Minicourse 3: Combinatorial Hopf algebras in particle physics I Erik Panzer Arts 263 | Minicourse 3: Combinatorial Hopf algebras in particle physics II Erik Panzer Arts 263 | Minicourse 3: Combinatorial Hopf algebras in particle physics III Erik Panzer Arts 263 | Minicourse 4: Strings, Trees, and RNA Folding IV Christine Heitsch Arts 263 | Minicourse 3: Combinatorial Hopf algebras in particle physics IV Erik Panzer Arts 263 |
| 11:00-12:30 | Problem Session Arts 263 | Problem Session Arts 263 | Problem Session Arts 263 | Student Presentations Arts 263 | Student Presentations Arts 263 |
| 12:30 - 2:00 | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> |
| 2:00 - 4:00 | Minicourse 4: Strings, Trees, and RNA Folding I Christine Heitsch Arts 263 | Minicourse 4: Strings, Trees, and RNA Folding II Christine Heitsch Arts 263 | Minicourse 4: Strings, Trees, and RNA Folding III Christine Heitsch Arts 263 | Student Presentations Arts 263 | Student Presentations Arts 263 |
| 4:00 - 5:30 | Problem Session | Problem Session Arts 263 | Problem Session Arts 263 | Student Presentations Arts 263 | Student Presentations Arts 263 |
| 5:30 - 6:30 | <i>Dinner break</i> | <i>Dinner break</i> | <i>Dinner break</i> | Presentation on Predictive analytics for the Saskatchewan Ministry of Justice Brian Rector - Arts 263 | |
| 6:30 - 7:30 | | | | Final Reception Location TBA | |
| 7:30 - 8:30 | | | Presentation by Marni Mishna Arts 263 | | |