Winter School on New Applications of Mixed Hodge Modules: January 15-26, 2024

Events for:
Monday, January 22nd - Friday, January 26th

**Monday, January 22nd**

9:00am **Workshop: Breakfast - SCGP Cafe**

  **Title:** Breakfast

9:30am **Workshop: Talk - Ben Davison - SCGP 102**

  **Speaker:** Ben Davison
  
  **Title:** Purity and positivity in Donaldson-Thomas theory I

10:30am **Workshop: Coffee Break - SCGP Cafe**

  **Title:** Coffee Break

11:00am **Workshop: Talk - Mircea Mustata - SCGP 102**

  **Speaker:** Mircea Mustata
  
  **Title:** Minimal exponent and singularities I

12:00pm **Workshop: Lunch - SCGP Cafe**

  **Title:** Lunch

2:30pm **Workshop: Talk - Sung Gi Park - SCGP 102**

  **Speaker:** Sung Gi Park
  
  **Title:** Log canonical singularities are Du Bois

3:30pm **Workshop: Tea Time - SCGP Cafe**
Tuesday, January 23rd

9:00am Workshop: Breakfast - SCGP Cafe

Title: Breakfast

9:30am Workshop: Mircea Mustata - SCGP 102

Speaker: Mircea Mustata

Title: Minimal exponent and singularities II

10:30am Workshop: Coffee Break - SCGP Cafe

Title: Coffee Break

11:00am Workshop: Talk - Radu Laza - SCGP 102

Speaker: Radu Laza

Title: Higher rational singularities and deformation theory III

12:00pm Workshop: Lunch - SCGP Cafe

Title: Lunch

2:30pm Workshop: Talk - Ben Davison - SCGP 102

Speaker: Ben Davison

Title: Purity and positivity in Donaldson-Thomas theory II

3:30pm Workshop: Tea Time - SCGP Cafe

Title: Tea Time

Wednesday, January 24th

9:00am Workshop: Breakfast - SCGP Cafe
Title: Breakfast

9:30am Workshop: Qianyu Chen - SCGP 102

Speaker: Qianyu Chen

10:30am Workshop: Coffee Break - SCGP Cafe

Title: Coffee Break

11:00am Workshop: Talk - Ben Davison - SCGP 102

Speaker: Ben Davison

Title: Purity and positivity in Donaldson-Thomas theory III

12:00pm Workshop: Lunch - SCGP Cafe

Title: Lunch

2:30pm Workshop: Talk - Ruijie Yang - SCGP 102

Speaker: Ruijie Yang

Title: Hodge modules and singular hermitian metrics

3:30pm Workshop: Tea Time - SCGP Cafe

Title: Tea Time

6:00pm Workshop: Banquet - SCGP Cafe

Title: Banquet Dinner

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Thursday, January 25th

9:00am Workshop: Breakfast - SCGP Cafe

Title: Breakfast
9:30am Workshop: Ben Davidson - SCGP 102
   Speaker: Ben Davidson
   Title: Purity and positivity in Donaldson-Thomas theory IV

10:30am Workshop: Coffee Break - SCGP Cafe
   Title: Coffee Break

11:00am Workshop: Talk - Qianyu Chen - SCGP 102
   Speaker: Qianyu Chen
   Title: Minimal exponent and singularities IV

12:00pm Workshop: Lunch - SCGP Cafe
   Title: Lunch

2:30pm Workshop: Talk - Radu Laza - SCGP 102
   Speaker: Radu Laza
   Title: Higher rational singularities and deformation theory IV

3:30pm Workshop: Tea Time - SCGP Cafe
   Title: Tea Time

Friday, January 26th

9:00am Workshop: Breakfast - SCGP Cafe
   Title: Breakfast

9:30am Workshop: Qianyu Chen - SCGP 102
   Speaker: Qianyu Chen
   Title: Minimal exponent and singularities V
10:30am  **Workshop: Coffee Break - SCGP Cafe**

**Title:** Coffee Break

11:00am  **Workshop: Talk - Robert Friedman - SCGP 102**

**Speaker:** Robert Friedman

**Title:** Higher rational singularities and deformation theory V

12:00pm  **Workshop: Lunch - SCGP Cafe**

**Title:** Lunch

2:30pm  **Workshop: Talk - Ben Davison - SCGP 102**

**Speaker:** Ben Davison

**Title:** Purity and positivity in Donaldson-Thomas theory V

3:30pm  **Workshop: Tea Time - SCGP Cafe**

**Title:** Tea Time