

**Telescopic Homotopy Theory and Algebraic K-theory**  
**Schedule**  
**L2**

**Monday 21 September**

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| 9:00-10:00  | Mike Hopkins, <i>Some ancient history of chromatic homotopy theory</i> |
| 10:00-10:30 | Coffee                                                                 |
| 10:30-11:30 | Achim Krause, <i>Effective Spectra</i>                                 |
| 11:30-12:30 | Vladimir Sosnilo, <i>c-categories</i>                                  |
| 12:30-14:30 | Lunch                                                                  |
| 14:30-15:30 | Sanjana Agarwal, <i>Localizing Invariants for Morava E-Theories</i>    |
| 15:30-16:00 | Coffee                                                                 |
| 16:00-17:00 | Lior Yanovski, <i>The sign of a function</i>                           |

**Tuesday 22 September**

|             |                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------|
| 9:00-10:00  | Maxime Ramzi, <i>Chromatic noshift</i>                                                             |
| 10:00-10:30 | Coffee                                                                                             |
| 10:30-11:30 | Andrew Senger, <i>Towards the chromatic splitting conjecture</i>                                   |
| 11:30-12:30 | Niko Naumann, <i>The Galois theory of genuine <math>G</math> spectra for finite <math>G</math></i> |
| 12:30-14:30 | Lunch                                                                                              |
| 14:30-15:30 | Thomas Nikolaus, <i>Reflexivity and Condensed Anderson Duality</i>                                 |
| 15:30-16:00 | Coffee                                                                                             |
| 16:00-17:00 | Allen Yuan, <i>Some <math>S^1</math>-equivariant even spaces</i>                                   |

**Wednesday 23 September**

|             |                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:00-11:00 | Rafe Mazzeo, <i>Overdetermined problems in geometry</i>                                                                                                                                              |
| 11:00-11:30 | Coffee                                                                                                                                                                                               |
| 11:30-12:30 | Tomer Schlank, <i>The Stable Homotopy Groups of Spheres</i>                                                                                                                                          |
| 12:30-14:00 | Lunch                                                                                                                                                                                                |
| 14:00-15:00 | Hong Wang, <i>Orthogonal projections for a restricted family of directions</i>                                                                                                                       |
| 15:00-15:30 | Coffee                                                                                                                                                                                               |
| 15:30-16:30 | Wei Zhang, <i>Arithmetic Diagonal Cycles and L-Functions</i>                                                                                                                                         |
| 16:40-17:30 | Peter Varju, <i>The work of Orponen, Shmerkin, Wang, Zahl</i><br>Mike Hopkins, <i>The work of Burklund, Hahn, Levy, Schlank</i><br>Thomas Clay, <i>Presentation of the 2026 Clay Research Awards</i> |
| 17:30-19:00 | Reception in the Mathematical Institute                                                                                                                                                              |
| 19:00       | Dinner for invited guests, Exeter College                                                                                                                                                            |

**Thursday 24 September**

|             |                                                                                        |
|-------------|----------------------------------------------------------------------------------------|
| 9:00-10:00  | Shay Ben-Moshe, <i>Algebraic K-theory and higher semiadditivity</i>                    |
| 10:00-10:30 | Coffee                                                                                 |
| 10:30-11:30 | Shachar Carmeli, <i>Higher semiadditive cardinalities in Chromatic Homotopy Theory</i> |
| 11:30-12:30 | Agnes Beaudry, <i>The Chromatic Trace</i>                                              |
| 12:30-14:30 | Lunch                                                                                  |
| 14:30-15:30 | Lennart Meier, <i>The Tate diagonal from a chromatic point of view</i>                 |
| 15:30-16:00 | Coffee                                                                                 |

**Friday 25 September**

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| 9:00-10:00  | Arpon Raksit, <i>Synthetic E-infinity rings</i>                                   |
| 10:00-10:30 | Coffee                                                                            |
| 11:00-11:30 | Gijs Heuts, <i>A Beilinson fiber square for telescopically localized K-theory</i> |
| 11:30-12:30 | Mark Behrens, <i>Products of Beta elements and the Parabola Conjecture</i>        |