

# Mini-Cours

## Homotopy theory, derived categories and quadratic forms



**Laboratoire de Mathématiques de Lens**  
**June 29 – July 3, 2026**

**Paul BALMER** (University of California at Los Angeles)  
**Tensor-triangular geometry of permutation modules**

**Yonatan HARPAZ** (Institut de Mathématiques de Jussieu)  
**Trace methods for hermitian K-theory**

**Thomas UNGER** (University College Dublin)  
**Real algebraic aspects of algebras with involution**

