Contents

Preface v
List of Participants vii

Representations of Derived A-infinity Algebras
   CAMIL I. APONTE ROMÁN, MURIEL LIVERNET, MARCY ROBERTSON,
   SARAH WHITEHOUSE, and STEPHANIE ZIEGENHAGEN 1

Unbased Calculus for Functors to Chain Complexes
   MARIA BASTERRA, KRISTINE BAUER, AGNÈS BEAUDRY, ROSONA
   ELDRED, BRENDA JOHNSON, MONA MERLING, and SARAH YEAKEL 29

Left-Induced Model Structures and Diagram Categories
   MARZIEH BAYEH, KATHRYN HESS, VARVARA KARPOVA, MAGDALENA
   KĘDZIOREK, EMILY RIEHL, and BROOKE SHIPLEY 49

Fixed Points of p-Toral Groups Acting on Partition Complexes
   JULIA E. BERGNER, RUTH JOACHIMI, KATHRYN LESH, VESNA
   STOJANOSKA, and KIRSTEN WICKELGREN 83

On the Higher Topological Hochschild Homology of \( \mathbb{F}_p \) and Commutative
\( \mathbb{F}_p \)-Group Algebras
   IRINA BOBKOVA, AYELET LINDENSTRAUSS, KATE POIRIER, BIRGIT
   RICHTER, and INNA ZAKHAREVICH 97

A Model Structure on GCat
   ANNA MARIE BOHLMANN, KRISTEN MAZUR, ANGÉLICA M. OSORNO,
   VIKTORIYA OZORNNOVA, KATE PONTO, and CAROLYN YARNALL 123

Orbispaces and Their Mapping Spaces via Groupoids: A Categorical Approach
   VESTA COUFAL, DORETTE PRONK, CARMEN ROVI, LAURA SCULL,
   and COURTNEY THATCHER 135