

## Two weeks of silting - conference

Stuttgart, August 05 – August 09, 2019

Monday 05	Tuesday 06	Wednesday 07	Thursday 08	Friday 09
9:00 Registration & 9:20 Welcome				
9:30 – 10:20 Takuma Aihara Sifting-connected triangulated categories	9:30 – 10:20 Michal Hrbek Homotopically smashing t-structures over commutative noetherian rings	9:30 – 10:20 Rosanna Laking Cosilting modules over cluster-tilted algebras of type $\tilde{A}$	9:30 – 10:20 Peter Jørgensen The green groupoid and its action on derived categories	9:30 – 10:20 Sota Asai Reduction of the wall-chamber structures
10:30 – 11:00 Alex Dugas Examples of algebras that are not sifting connected	10:30 – 11:00 David Ploog Sifting pairs and the stability manifold of discrete derived algebras	10:30 – 11:00 Sefi Ladkani Derived equivalences of Jacobian algebras	10:30 – 11:00 Jordan McMahon Higher $\tau$ -tilting and stratifications of higher cluster-tilting subcategories	10:30 – 11:00 George Dimitrov More finite sets coming from non-commutative counting
Coffee				
11:30 – 12:20 Raquel Coelho Simões Simple-minded reduction	11:30 – 12:20 Olaf Schnürer Smoothness of derived categories of algebras	11:30 – 12:20 Leonid Positselski The tilting-cotilting correspondence	11:30 – 12:20 Simion Breaz The ascend-descend property for 2-term sifting complexes	11:30 – 12:20 Aslak Bakke Buan $\tau$ -exceptional sequences and wide subcategories
12:30 – 13:00 Wassilij Gnedin Sifting complexes over Noetherian algebras modulo a central regular sequence	12:30 – 13:00 Flaviu Pop Cosilting objects	12:30 – 13:00 Sondre Kvamme A generalization of the Nakayama functor	12:30 – 13:00 Sira Gratz Cluster tilting modules for mesh algebras	12:30 – 13:00 Hipolito Treffinger From $\tau$ -tilting theory to stratifying systems
Lunch and time for discussions				Lunch and time for discussions
Lunch and time for discussions				15:00 – 15:30 Jan Trlifaj Testing for projectivity, and transfinite extensions of simple artinian rings
16:00 – 16:30 Anna Nordskova Faithfulness of ADE braid group actions on triangulated categories	16:00 – 16:30 Isaac Bird Cotilting with balanced big Cohen–Macaulay modules	16:00 – 16:30 Nico Stein Resolution and realisation functors	16:00 – 16:30 Chrysostomos Psaroudakis Explicit right adjoints between homotopy categories via “cocompact” objects	15:40 – 16:30 Manuel Saorín Locally finitely presented and locally coherent hearts of t-structures
16:40 – 17:10 Yu Zhou Sifting, Happel–Reiten–Smalø tilting, and derived equivalences	16:40 – 17:10 Joseph Grant Preprojective algebras and derived Picard groups	16:40 – 17:30 Sebastian Oppel A derived equivalence classification of Brauer graph algebras	16:40 – 17:10 George Ciprian Modoi Co-t-structures cogenerated by weak cocompact objects	16:30 – 16:40 Closing  Coffee and time for discussions
17:20 – 18:10 Jorge Vitória Sifting dg epimorphisms	17:20 – 18:10 Jenny August Stability conditions, contraction algebras and $K(\tau, 1)$		17:20 – 18:10 Yuta Kimura Preprojective algebras of non-Dynkin type and two-term tilting complexes	
19:00 Dinner				

Registration takes place in the lower foyer of the building 47. Welcome and lectures take place in room 47.03. Coffee breaks in the morning take place in the lower foyer of the building 47. Coffee after lunch takes place in room 7.531 in building 57. There you will also find further rooms available for discussions.