

# Summer School "Koszul Duality"

Bad Driburg, August 10-14, 2015

Monday	Tuesday	Wednesday	Thursday	Friday
	08:00-09:00 Breakfast	08:30-09:30 Breakfast	08:00-09:00 Breakfast	08:30-09:30 Breakfast
	09:00-10:00 Gustavo Jasso: The preprojective algebra is Koszul (except for Dynkin quivers)	09:30-10:30 Lars Thorge Jensen/Leonardo Patimo: Perverse sheaves on the flag variety and category $\mathcal{O}$ (Part I)	09:00-10:00 Julian Külshammer: dg-categories and derived categories	09:30-10:30 Ivan Yudin: Koszul duality of strict polynomial functors
	10:15-11:15 Brendan Dubsy: The Koszul duality functor	11:00-12:00 Lars Thorge Jensen/Leonardo Patimo: Perverse sheaves on the flag variety and category $\mathcal{O}$ (Part II)	10:15-11:15 Louis-Philippe Thibault: Generators for triangulated categories	11:00-12:00 Volodymyr Mazorchuk: Koszul duality
	11:45-12:45 Volodymyr Mazorchuk: The category of linear complexes		11:45-12:45 Volodymyr Mazorchuk: Quadratic duality	
12:30-14:00 Lunch	13:00-14:00 Lunch	12:30-14:00 Lunch	13:00-14:00 Lunch	12:30-14:00 Lunch
14:00-15:00 Aaron Chan: Koszul rings and their duals				
15:00-15:30 Coffee and cake	15:45-16:15 Coffee and cake		15:45-16:15 Coffee and cake	
15:30-16:30 Sondre Kvamme: Necessary and sufficient conditions	16:15-17:15 Benjamin Briggs: BGG correspondence	14:00-18:30 Excursion	16:15-17:15 Greg Stevenson: Examples of Koszul dualities via dg-categories	
16:45-17:45 Geoffrey Janssens: Examples from combinatorics	17:30-18:30 Theo Raedschelders: Koszulness from Frobenius splitting		17:30-18:30 Vincent Gelinas: Koszulness from exceptional collections	
18:30-20:00 Dinner	18:45-20:00 Dinner	18:30-20:00 Dinner	18:45-20:00 Dinner	