

ICRA 2018, CONFERENCE PROGRAM

MONDAY, August 13, 2018

Chairperson Hall A - Plenary lectures: Changchang Xi

	Hall A FME, No. 256	Hall B FCE, No. C-206	Hall C FCE, No. C-204	Hall D FCE, No. C-208	Hall E FCE, No. C-217	Hall F FCE, No. C-221	Hall G FCE, No. C-223
8:45	Opening ceremony ICRA Award announcement	NOTES Hall A: Plenary lectures 45' + 5' Hall B - G: Short lectures 25' + 5' FME: Faculty of Mechanical Engineering, Czech Technical University in Prague FCE: Faculty of Civil Engineering, Czech Technical University in Prague					
9:00	Bernhard Keller On green sequences						
10:00	Baptiste Rognerud On the bounded derived category of the Tamari lattices						
10:50	Coffee break						
11:20	Yu Qiu X-Stability conditions on Calabi-Yau-X categories and quivers with superpotential	CHAIRPERSONS Kunio Yamagata Thomas Bruestle Sverre Smalo Frederik Marks Otto Kerner Yuji Yoshino					
12:20	Ivo Herzog Examples of tilting and cotilting functors						
13:10	Lunch break						
15:00	Mark Kleiner Preprojective Quiver of a Coxeter Group	Ahmet Seven Reflection group relations from cluster algebras	Ming Fang Rigidity dimension	Johanne Haugland Subcategories of the derived category of a quantum polynomial ring	Simon Peacock Separable equivalence and representation dimension	Ozgur Esentepe Annihilation of Cohomology over Curve Singularities	
15:35	Yuy Mizuno Torsion pairs for quivers and the Weyl groups	JiaRui Fei Kronecker Coefficients via Upper Cluster Algebras	Charles Paquette Idempotent reduction and finitistic dimension	Jan Geuenich Tilting modules for the Auslander algebra of the truncated polynomial ring	Elin Persson Westin Exceptional sequences and generalized tilting modules for blocks of Temperley-Lieb algebras	Miroslav Korbelař On extending properties from integral polynomial rings to their subrings	
16:05	Coffee break						
16:30	Kave Mousavand Lattice Theory of Biclosed Sets via Torsion and Wide Shadows	Simone Giovannini Skew group algebras of Jacobian algebras	Wassilij Gnedin Ribbon graph orders are preserved by derived equivalences	Jenny August The Derived Equivalence Class of Contraction Algebras	Sam Thelin Representation type of generalised Schur algebras	Ayako Itaba Defining relations of 3-dimensional quadratic AS-regular algebras and Calabi-Yau algebras	
17:05	Adam Hajduk On the poset of weighted surface algebras given by algebras degeneration preorder	Andrea Pasquali Self-injective Jacobian algebras from Postnikov diagrams	Hiroki Matsui Singular equivalences and reconstruction of singular loci	Michal Hrbek On t-structures in the derived category of a commutative ring	Florian Eisele Picard groups of orders and Donovan's conjecture	Ryo Kanda Normal extensions of Artin-Schelter regular algebras and flat families of Calabi-Yau central extensions	
17:40	Hugh Thomas Generalized associahedra via representation theory	Sefi Ladkani Symmetric Jacobian algebras and periodicity	Mike Prest Free abelian categories and Nori motives	Julia Pevtsova Super elementary subgroups		Tulay YILDIRIM Ann U-invariant Rings	
18:15	William Crawley-Boevey A new approach to simple modules for preprojective algebra		Changchang Xi Derived equivalences constructed from Milnor squares				
18:45	Closing						

TUESDAY, August 14, 2018

Chairperson Hall A - Plenary lectures: Lidia Angeleri Hügel

	Hall A FME, No. 256	Hall B FCE, No. C-206	Hall C FCE, No. C-204	Hall D FCE, No. C-208	Hall E FCE, No. C-217	Hall F FCE, No. C-221	Hall G FCE, No. C-223
9:00	Osamu Iyama Auslander-Reiten theory in extriangulated categories	NOTES Hall A: Plenary lectures 45' + 5' Hall B - G: Short lectures 25' + 5' FME: Faculty of Mechanical Engineering, Czech Technical University in Prague FCE: Faculty of Civil Engineering, Czech Technical University in Prague					
10:00	Sota Asai Semibricks in tau-tilting theory						
10:50	Coffee break						
11:20	Frederik Marks Smashing subcategories generated by partial silting objects						
12:20	Rosanna Laking Finiteness conditions on the heart of a t-structure	CHAIRPERSONS Rosanna Laking Hongxing Chen Peter Jørgensen Serge Bouc Jeremy Rickard Yu Qiu					
13:10	Lunch break						
15:00	Kiriko Kato Polygon of recollements and N-complexes	Sondre Kvamme The singularity category of a dZ-cluster tilting subcategory	Hiroyuki Nakaoka On a unification of n-exact categories and n+2-angulated categories	Mindy Huerta On n-cotorsion pairs	Arif Dönmez Moduli of representations of one-point extensions	Zhonghua Zhao Multiplication formulas and canonical bases for quantum affine $\mathbb{S}l_n$	
15:35	Alex Martsinkovsky The zeroth derived functors and their applications	Takahide Adachi Sifting objects and t-structures	Amit Shah Quasi-abelian hearts of twin cotorsion pairs on triangulated categories	Liqian Bai Cluster multiplication theorem in the quantum cluster algebra of type $SA_{-2}((2))$	Artem Lopatin Indecomposable and separable invariants of several matrices	Minghui Zhao Refined geometric realization of a quantum group and Lusztig's symmetries	
16:05	Coffee break						
16:30	Greg Stevenson New algebraic categories	Laertis Vaso Gluing of n-cluster tilting subcategories for representation-directed algebras	Karin M. Jacobsen d-abelian quotients of (d+2)-angulated categories	Shunhua Zhang Homological properties of Auslander Gorenstein algebras	Alexander Pütz Degenerate affine flag varieties and quiver Grassmannians for the equioriented cycle	Frantisek Marko Supersymmetric polynomials over fields of positive characteristic	
17:05	Victor Becerril Relative Cotorsion Pairs, Frobenius Pairs and Auslander-Buchweitz Contexts	Adam-Christiaan van Roosmalen Localizations of one-sided exact categories	Francesca Fedele A (d+2)-angulated generalisation of a theorem by Bruning	Rasool Hafezi Najafabadi A ring theoretic approach to the finite Cohen-Macaulay type	Ryo Takahashi Transitivity of degeneration of modules	David Fernández Álvarez Noncommutative Atiyah algebroids	
17:40	Steffen Oppermann O-cocompactness	Manuel Saorin Lifting of recollements and glueing of partial silting sets	Thomas Brüstle Wall and chamber structure and maximal green sequences	Henning Krause Completing perfect complexes	Grzegorz Zwara Tangent spaces of orbit closures in module varieties	Julia Sauter On correspondences of faithfully balanced modules	
18:10	Dmitri Piontkovski Algebras of linear growth, automaton property, and the dynamical Mordell-Lang conjecture						
18:10	Closing						

WEDNESDAY, August 15, 2018

Chairperson Hall A - Plenary lectures: Dan Zacharia

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9:00	Jeremy Rickard Unbounded derived categories and the finitistic dimension conjecture	NOTES Hall A: Plenary lectures 45' + 5' Hall B - G: Short lectures 25' + 5' FME: Faculty of Mechanical Engineering, Czech Technical University in Prague FCE: Faculty of Civil Engineering, Czech Technical University in Prague					
10:00	Wei Hu Derived equivalences, stable equivalences and homological dimensions						
10:50	Coffee break						
11:20	Hongxing Chen Derived decompositions of abelian categories						
12:20	Øyvind Solberg Reduction techniques for finitistic dimension						
13:10	Lunch break						

CHAIRPERSONS

	Alex Martinskivsky	Lutz Hille	Michael Wemyss	Bernhard Keller	Graham Leuschke	Pierre-Guy Plamondon	
	Hall A FME, No. 256	Hall B FCE, No. C-206	Hall C FCE, No. C-204	Hall D FCE, No. C-208	Hall E FCE, No. C-217	Hall F FCE, No. C-221	Hall G FCE, No. C-223
15:00	Hiroyuki Minamoto On finitely graded Iwanaga-Gorenstein (IG) algebras and their stable category of (graded) Cohen-Macaulay (CM) modul	Masahide Konishi On quasi-hereditary gentle algebras	Shengyong Pan Stable functors of derived equivalences	Grzegorz Bobiński Derived Hall algebras for derived discrete algebras	Louis-Philippe Thibault Stable categories of Cohen-Macaulay modules with different gradings	Yu Zhou Topological Fukaya type categories from surfaces	
15:35	Haruhisa Enomoto Classifications of exact structures and CM-finite Iwanaga-Gorenstein algebras	Mayu Tsukamoto Strongly quasi-hereditary algebras and rejective subcategories	Yiping Chen Approximations, ghosts and derived equivalences	Mikhail Gorsky Extended Hall algebras and localization of categories	Naoya Hiramatsu Degenerations of Cohen-Macaulay modules via matrix representations	Lucie Jacquet-Malo Geometric realization of \mathfrak{m} -cluster categories and Iyama-Yoshino reduction	
16:05	<i>Coffee break</i>						
16:30	Kota Yamaura On homologically well-graded Iwanaga-Gorenstein algebras	Ögmundur Eiriksson A quasi-hereditary algebra to parametrise representation orbits with flag conditions	Sebastian Opperr On Auto-equivalences and Derived Invariants of Gentle Algebras	Fan Xu Heisenberg doubles, Drinfeld doubles and derived Hall algebras	Toshinori Kobayashi Syzygy modules of Cohen-Macaulay modules over one-dimensional Cohen-Macaulay local rings	Diego Velasco Generalized cluster algebras from a polygon with one orbifold point of order three	
17:05	Denis Langford On the lattice of exact structure	Teresa Conde Ringel duality through examples	Anna Nordskova Faithful actions of ADE type braid groups on triangulated categories	Haicheng Zhang Lie algebras and Hall algebras associated to 1-cyclic perfect complexes	Isaac Bird Definable subcategories of Cohen-Macaulay modules	Véronique Bazier-Matte Unistructurality of cluster algebras arising from surfaces without punctures	
17:40	Souheila Hassoun The lattice of exact structures on an additive category II	Sebastian Eckert Tame hereditary path algebras and amenability	Maiko Ono A lifting problem over DG algebras with one variable	Shiquan Ruan Applications of mutations in the derived categories of weighted projective lines to Lie and quantum algebras	Shokrollah Salarian Representation-theoretic properties of balanced big cohen-macaulay modules	Toshiya Yurikusa Combinatorial cluster expansion formulas from triangulated surfaces	
18:10	<i>Closing</i>						

THURSDAY, August 16, 2018

Chairperson Hall A - Plenary lectures: William Crawley-Boevey

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9:00	Igor Burban Non-commutative nodal curves and derived tame algebras						
10:00	Sira Gratz Homotopy invariant singularity categories cancelled	NOTES Hall A: Plenary lectures 45' + 5' Hall B - G: Short lectures 25' + 5' FME: Faculty of Mechanical Engineering, Czech Technical University in Prague FCE: Faculty of Civil Engineering, Czech Technical University in Prague					
10:50	<i>Coffee break</i>						
11:20	Alex Dugas Gradability of modules over graded artinian rings						
12:20	Markus Reineke Cohomological Hall algebras of quivers	CHAIRPERSONS					
13:10	<i>Lunch break</i>	Silvana Bazzoni	Ivo Herzog	Igor Burban	Oeyvind Solberg	Hugh Thomas	Simion Breaz
15:00	Eleonore Faber Noncommutative resolutions of toric varieties	Georgios Dalezios On the homotopy category of FP-Injectives	Patrick Wegener Hurwitz transitivity and thick subcategories generated by exceptional sequences	Markus Schmidmeier A reflection equivalence for Gorenstein-projective quiver representations	Joseph Grant Higher Zigzag Algebras	Viktor Lopatkin A Braid Spirit of Young Tableaux	
15:35	Leonid Positselski Infinity-tilting theory	Harry Gulliver The Injective Spectrum of a Right Noetherian Ring	George Ciprian Modoi Reasonable triangulated categories have filtered enhancements	Yuehui Zhang Bimodule monomorphism categories	Gabriele Bocca Quasi-hereditary covers of higher zigzag algebras	Leila Heidari Zadeh On the lie derivations and generalized lie derivations of quaternion rings	
16:05	<i>Coffee break</i>						
16:30	Pierre-Guy Plamondon Cluster categories and a multiplication formula for skew-symmetrizable Cartan matrices	Alessandro Rapa Simple objects in cotilting hearts of irrational slope	Simone Virili Morita theory for stable derivators	Pu Zhang Frobenius subcategories and RSS equivalences	Matthew Pressland Perfect matching modules for dimer algebras	Jordan McMahon Fabric idempotent ideals	
17:00	<i>Closing</i>						

FRIDAY, August 17, 2018

Chairperson Hall A - Plenary lectures: Henning Krause

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9:00	Andrea Solotar The Gerstenhaber bracket in Hochschild cohomology						
10:00	Gustavo Jasso Higher-dimensional Auslander algebras of type A and the higher-dimensional Waldhausen S-construction	NOTES Hall A: Plenary lectures 45' + 5' Hall B - G: Short lectures 25' + 5' FME: Faculty of Mechanical Engineering, Czech Technical University in Prague FCE: Faculty of Civil Engineering, Czech Technical University in Prague					
10:50	<i>Coffee break</i>						
11:20	Julian Külshammer A-infinity structures on Ext-algebras of standard modules for quasi-hereditary algebras						
12:20	Karin Erdmann Tame surface algebras	CHAIRPERSONS					
13:10	<i>Lunch break</i>	Manuel Saorin	Karin Erdmann	Grzegorz Zwara	Mark Kleiner	Alex Dugas	Adam-Christiaan van Roosmalen
15:00	Kengo Miyamoto Components of the stable Auslander-Reiten quiver for a symmetric order over a complete discrete valuation ring	Tomohiro Itagaki Batalin-Vilkovisky algebra structures on the Hochschild cohomology of self-injective Nakayama algebras	Dawid Kędzierski Exceptional modules for wild canonical algebras	Ilke Canakci Quantum cluster algebras of Kronecker type	Hidetoshi Asashiba The Grothendieck construction of 2-representations of a small category I and the smash product of I-graded categories	Sven-Ake Wegner The heart of the Banach spaces	
15:35	Apolonia Gottwald A New Characterization of Algebras of Colocal Type	Hideyuki Koie On presentations of Hochschild extension algebras for a class of self-injective Nakayama algebras	Justyna Kosakowska Hall polynomials for invariant subspaces of nilpotent linear operators	Xueqing Chen A quantum analogue of generalized cluster algebras	Xiaoting Zhang Simple transitive 2-representations for finitary 2-categories	Davit Shahnazaryan Invertible binary algebras isotopic to an cancelled	
16:05	<i>Coffee break</i>						
16:30	Yuta Kimura Support $S\tau$ -tilting modules of SR -orders	Sira Gratz Homotopy invariants of singularity categories NEW	Hagen Meltzer Nilpotent operators with flags of invariant subspaces	Lutz Hille NEW	The derived category in global dimension two and matrices over a bimodule	Gabriella D'Este Modules of length three and pseudo projective modules change	
17:05	Simion Breaz Torsion theories induced by (co)silting modules	Alexandra Zvonareva Külshammer ideals of graded categories and Hochschild cohomology	Mariusz Kaniecki Generic extensions in discrete category of invariant subspaces of nilpotent linear operators	Claudio Rodriguez Roots of the Tits quadratic form of a 2-equipped poset of one-parameter type	Yury Volkov s-homogeneous algebras with two relations	Lidia Angeleri Hügel Comparing localisations of commutative rings NEW	
17:40	Pop Flaviu Cosilting Modules	Leonard Rubio y Degraasi On the Lie structure of the first Hochschild cohomology of blocks of finite groups	Yann Palu Non-kissing complex and tau-tilting for gentle algebras	Ivon Dorado Representations and corepresentations of a Sp -equipped poset	Masahisa Sato On projective modules with unique maximal module	Greg Stevenson New algebraic triangulated categories from old NEW	
18:10	<i>Closing</i>						