Maurice Auslander Distinguished Lectures[1] and International Conference[2]

October 26-30, 2022

All talks at Clark 507,
Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, USA

Schedule of talks

Wednesday, October 26

9:00-10:00	First talk **Thomas Brüstle:**	*Representation dimension in topological data analysis.*
	Coffee	
10:20-11:00	**Xingting Wang:**	*Representations of 4-dimensional Sklyanin algebras through Poisson geometry.*
11:10-11:30	Student talk **Fayadh Kadhem:**	*A cluster structure on the coordinate ring of partial flag varieties.*
11:40-12:00	Student talk **Shengnan Huang:**	*Root of unity quantum cluster algebras and Cayley-Hamilton algebras.*
12:00-1:00		Lunch at WHOI
1:00-1:40	**Ivon Dorado:**	*Pseudo hereditary projective objects in a suitable Krull-Schmidt category.*
1:50-2:30	**Ashish Srivastava:**	*On a quotient of face algebra.*
	Coffee	
3:00-3:30	Zoom talk **Manoj Kumar Patel:**	*Rings characterized in terms of semi-projective modules and Hopkins-Levitzki Theorem.*
3:40-4:10	Zoom talk **Alex Sorokin:**	*All concepts are defects.*
4:20-5:00	Zoom talk **Bernhard Keller:**	*An introduction to the Donovan-Wemyss conjecture.*

Maurice Auslander Distinguished Lectures[3] and International Conference[4]

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Thursday, October 27

9:00-10:00	Expository talk **Maria Julia Redondo:**	*TBA.*
	Coffee	
10:20-11:00	**Charles Paquette:**	*Representation theory of poset quivers.*
11:10-11:30	Student talk **Will Dana:**	*Shard modules of preprojective algebras.*
11:40-12:00	Student talk **Kayla Wright:**	*Towards the additive categorification of quasi-cluster algebras.*
12:00-1:00		Lunch at WHOI
1:00-1:40	**Jose Velez Marulanda:**	*On irreducible morphisms and Auslander-Reiten triangles in the stable category of modules over repetitive algebras.*
1:50-2:30	**Esther Banaian:**	*Algebras from orbifolds.*
	Coffee	
3:00-3:30	Zoom talk **Jeanne Scott:**	*Fibonacci RSK and diagrammatics for the Okada algebras..*
3:40-4:10	Zoom talk **Gabriella D'Este:**	*The underlying vector spaces or groups of certain endomorphism rings.*
4:20-4:30	Short Communication **Frank Marko:**	*Donkin-Koppinen filtration for $GL(m|n)$ and generalized Schur superalgebras.*
4:30-5:00	Zoom talk **Eric Hanson:**	*Exceptional sequences in semidistributive lattices.*

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Maurice Auslander Distinguished Lectures[5] and International Conference[6]

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Friday, October 28

9:00-10:00	Expository talk **Frauke Bleher:** *The Galois module structure of holomorphic differentials in positive characteristic.*
	Coffee
10:20-11:00	**Jason Gaddis:** *Weight modules over Bell-Rogalski algebras.*
11:10-11:30	Student talk **Cody Gilbert:** *Moduli of representations of clannish algebras.*
11:40-12:00	Student talk **Sunny Roy:** *On relative torsion classes.*

12:00-1:00	Lunch at WHOI

1:00-1:40	**Shiping Liu:** *Auslander-Reiten theory in tri-exact categories.*
1:50-2:30	**Emre Şen:** *Defect Invariant Nakayama algebras and wide subcategories.*
	Coffee
3:00-3:40	**Elie Casbi:** *Equivariant multiplicities of Mirkovic-Vilonen cycles via cluster expansions on coordinate rings.*
3:50-4:30	**Ivan Dimitrov:** *Subregular J-rings of Coxeter systems via quiver path algebras.*
4:50-5:30	**Mee Seong Im:** *TBA.*

Maurice Auslander Distinguished Lectures[7] and International Conference[8]

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Saturday, April 27

9:00-10:00	Expository talk **Ralph Kaufmann:**	*A categorical perspective on representations of algebras, modules and associated spaces.*
	Coffee	
10:20-11:00	**Reuven Hodges:**	*Classifying Levi-spherical Schubert varieties.*
11:10-11:30	Student talk **Pierre Bodin:**	*Towards a generalisation of the geometric realization of silting reduction for gentle algebras.*
11:40-12:00	Student talk **Manuel Albrizzio:**	*Matrix of rotation symmetric boolean functions.*
12:00-2:00		Lunch in town
2:00-2:40	**Kent Vashaw:**	*On the spectrum and support theory of a finite tensor category.*
2:50-3:30	**Karin Jacobsen:**	*Admissible ideals for k-linear categories.*
	Coffee	

4:00-4:30	**Memorial for Bernice Auslander**
4:30-5:30	**Maurice Auslander Distinguished Lecture I** **Eric Friedlander**
7pm	Dinner: Coonamessett Inn

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Maurice Auslander Distinguished Lectures[9] and International Conference[10]

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Sunday, October 30

9:00-9:40	**Ralf Schiffler:**	*Syzygy categories over dimer tree algebras.*
9:50-10:00	Short Communication **Emily Gunawan:**	*Triangulations and maximal almost rigid modules.*
10:10-10:30	Student talk **Ray Mareska:**	*Exceptional Collections of Type $\tilde{A}_n$.*
	Coffee	

	Maurice Auslander Distinguished Lecture II
11:00-12:00	**Eric Friedlander**

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