

International Conference on Algebra and Related Topics (ICART 2018)

Scientific program of the session HAMRC

Monday 02-07-2018		
08h00 - 9h30	Registration	
09h30 - 10h00	Opening Ceremony Amphitheater : Belmahi	
10h00 - 10h50	Coffee break	
	Chair : Sergio López-Permouth Amphitheater : Ibn Sina	
11h00 - 11h45	Nanqing Ding ; Coherent rings and absolutely pure covers	
11h50 - 12h35	Jan Trlifaj, Zariski locality for quasi-coherent sheaves associated with tilting	
LUNCH & POSTER SESSION		
	Chair : Juan Ramón García Rozas Amphitheater : Ibn Sina	
14h10 - 14h55	Jan Šaroch ; On a decent behaviour of Gorenstein flat and Gorenstein injective modules over a general ring	
	Chair : Carlos Signoret Amphitheater : Ibn Sina	Chair : Gyu Whan Chang Amphitheater : Al Khawarizmi
15h00 - 15h20	Hamed Alsulami ; Centers of Leavitt path algebras	Smach Sihem ; A 2-absorbing and 2-AB rings
15h25 - 15h45	Wafa Gmiza ; The ascending chain condition on radical quasi semistar ideals	Roswitha Rissner ; J-ideals of matrices over PIDs
15h50 - 16h20	Coffee break	
	Chair : Mohamed Yousif Amphitheater : Ibn Sina	Chair : El Amin Kaidi Amphitheater : Al Khawarizmi
16h20 - 16h50	Feroz Siddique ; A generalization of exchange rings	Hassane Essannouni ; On a new extension of the zero-divisor graph
16h55 - 17h25	Seddik Abdelalim ; Characterization hereditarily hopfian abelian groups in the categorie of torsion abelian groups	Lahcen Oukhtite ; Some commutativity theorems for rings with involution involving generalized derivations
17h30 - 18h00	Rachid Tribak ; On weak Rickart rings and weak Rickart modules	Abdellah Mamouni ; Commutativity of some rings with involution : A survey

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Tuesday 03-07-2018	
	Chair : Driss Bennis Amphitheater : Ibn Sina
09h00 - 9h45	Mohamed Elhamdadi ; An algebraic approach to quandles*
09h50 - 10h35	Herbert Edelsbrunner ; Stochastic geometry with topological flavor*
10h40 - 11h10	Coffee break
	Chair : Maia Fraser Amphitheater : Ibn Sina
11h10 - 11h55	Ezra Miller ; Homological and geometric finiteness for real-exponent multigraded commutative algebra: persistence with continuous parameters*
	Chair : Chen Jianlong Amphitheater : Ibn Sina
12h00 - 12h30	Matej Mencinger ; Stability and quadratizations in homogeneous polynomial systems of odes
12h35 - 13h05	Yotsanan Meemark ; Generalized symplectic graphs over finite commutative rings
LUNCH	
	Chair : Lars Winther Christensen Amphitheater : Ibn Sina
14h40 - 15h25	Sophie Frisch ; Prime and maximal ideals in rings of functions
15h30 - 15h50	Ali Tamoussit ; Almost Krull domains and their rings of integer-valued polynomials
15h55 - 16h15	Farid Kourki ; On some n - C_2 and strongly C_2 extensions
16h20 - 16h50	Coffee break
	Chair : Hassane Essannouni Amphitheater : Ibn Sina
16h50 - 17h10	Badr Nejjar ; Differential identities on a prime rings with involution
17h15 - 17h35	My Abdallah Idrissi ; Additive mappings in prime rings with involution
17h40 - 18h00	Omar Ouzaouit ; PM and Strong S-rings issued from amalgamated algebras
18h05 - 18h25	Omar Ait Zemzami ; About some particular classes of generalized derivations

*Talk in common with the Sessions ACHTAG and HAMRC

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Wednesday 04-07-2018		
	Chair : Jan Trlifaj Amphitheater : Ibn Sina	
09h00 - 9h45	Lars Winther Christensen ; Pure minimality in the category of complexes	
	Chair : Jan Trlifaj Amphitheater : Ibn Sina	Chair : M'hammed El Kahoui Amphitheater : Al Khawarizmi
09h50 - 10h10	Laura Jakobsson ; The category of cellular resolutions	Karim Mounirh ; Discriminants of orthogonal involutions over henselian fields
10h15 - 10h35	El Hadj Ousseynou Diallo ; Weakly co-hopfian objects in the category of complexes of A-modules	Najoua Essamaoui ; A note on stable coordinates in polynomial rings
10h40 - 11h10	Coffee break	
	Chair : Jan Šaroch Amphitheater : Ibn Sina	
11h10 - 11h55	Alina Iacob ; Totally acyclic complexes	
	Chair : Jan Šaroch Amphitheater : Ibn Sina	
12h00 - 12h20	Michal Hrbek ; On t-structures in the derived category of a commutative ring	
12h25 - 12h45	Khalid Ouarghi ; Strongly FI-injective and strongly FI-flat modules	

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Thursday 05-07-2018		
	Chair : Alina Iacob Amphitheater : Ibn Sina	
09h00 - 9h45	Sergio López-Permouth ; Modules over infinite dimensional algebras	
	Chair : Alina Iacob Amphitheater : Ibn Sina	Chair : Karim Mounirh Amphitheater : Al Khawarizmi
09h50 - 10h20	Jianlong Chen ; Core and dual core inverses of morphisms	Carlos Signoret ; The big lattice of additive classes of R-modules
10h25 - 11h05	Coffee break	
	Chair : Mohamed Elhamdadi Amphitheater : Ibn Sina	Chair : Karim Mounirh Amphitheater : Al Khawarizmi
11h05 - 11h35	Salah Najib ; Constructing indecomposable rational functions from a prescribed spectrum	Indah Emilia Wijayanti ; Strongly graded rings which are Krull rings
11h40 - 12h10	Mengmeng Zhou ; Three limit representations of the core-ep inverse	Badidja Salim: Partition of integers as a sum of terms of linear reccurent sequences
12h15 - 12h35	Omar Boughaleb ; Prime ideals decomposition and extension of valuations	Mostafa El Garn ; The extension property in the chategory of a direct finitely sum of cyclic modules over a factorial integral domain with null annihilator
LUNCH		
	Chair : Nanqing Ding Amphitheater : Ibn Sina	
14h00 - 14h45	Mohamed Yousif ; On quasi-Frobenius rings	
	Chair : Nanqing Ding Amphitheater : Ibn Sina	Chair : Sophie Frisch Amphitheater : Al Khawarizmi
14h50 - 15h10	Boulayat Brahim ; Some factorization properties of the composite ring $A+ B[\Gamma^*]$	Emanuela De Negri ; Cartwright-Sturmfel ideals in multigraded polynomial rings
15h15 - 15h45	Gyu Whan Chang ; Divisibility properties of the semiring of ideals of an integral domain	El Hassane Fliouet ; Extension of I-modularity
15h50 - 16h20	Coffee break	
	Chair : Luis Oyonarte Amphitheater : Ibn Sina	Chair : Asmae Ben Yassine Amphitheater : Al Khawarizmi
16h25 - 16h45	Sarah Nakato ; Non-unique factorizations in rings of integer-valued polynomials on certain Dedekind domains	Haitham El Alaoui ; About weakly p-coherent rings
16h50 - 17h10	Yatma Diop ; Finite non-commutative Gröebner bases	Mohammed El Badry ; Module-structure of the dual hamming code
17h15 - 18h35	Hassan Mouadi ; The F-lim of infinite chain of prime ideals of infinite product of zero-dimensional rings	Habib Fall ; Injective envelope in the category of modules M-subgeneted $\sigma(M)$
	Closing ceremony speech of Luis Oyonarte	

Poster Session:

Abdulaziz Shaiea ; On oriented zero-divisor graphs of n -trivial extensions

Moussa Mbaye ; Generalization of some results on covers and envelopes in abelian categorie

Siham Aouissi ; Principalization of 3-ideal classes of $q(\sqrt[3]{d}, \zeta_3)$

Mohamed Souhail ; Elliptic curve based zero knowledge proofs