



جامعة محمد الخامس بالرباط
Université Mohammed V de Rabat



Faculté des Sciences
Rabat

International Conference on Algebra and Related Topics

ICART 2018 Rabat

Proceedings

The proceedings of ICART2018 will be published in :
- A special issue of the journal "Algebra Colloquium".
- A volume in "Contemporary Mathematics"
of the American Mathematical society.

Deadlines

- Submission of Abstracts: April 20th, 2018
- Early Registration Fee Payment: April 30th, 2018
- Late Registration Fee Payment: Mai 31st, 2018

July 2-5, 2018

Faculty of Sciences, Mohammed V University in Rabat, Morocco

ICART2018 will cover various research areas presented in the following three sessions:

• Applied and Computational Homology in Topology, Algebra and Geometry

TOPICS: Topological Robotics; Topological Data Analysis; Random Topology and Discrete Morse Theory;
Symplectic and Arithmetic Applied Geometry; Concurrent Computation and Machine Learning Algorithmic

• Homological Algebra, Modules, Rings and Categories

TOPICS: Homological algebra; Ring theory; Module theory; Category theory; Commutative algebra; Associative algebras

• Linear and Multilinear Algebra and Function Spaces

TOPICS: Linear and nonlinear preserver problems; C*-Algebras and Operator theory; Topological algebras; Banach algebras
and applications; Functional identities and applications; (Weighted) Function spaces

Plenary Speakers

- Abdellatif Bourhim (U.S.A.)
- Matej Brešar (Slovenia)
- Jacek Brodzki (U.K.)
- Lars Winther Christensen (U.S.A.)
- Hellen Colman (U.S.A.)
- Nanqing Ding (China)
- Herbert Edelsbrunner (Austria)
- Mohamed Elhamdadi (U.S.A.)
- Maia Fraser (Canada)
- Alina Iacob (U.S.A.)
- Kevin Knudson (U.S.A.)
- Srikanth B. Iyengar (U.S.A.)
- Sergio López-Permouth (U.S.A.)
- Javad Mashregi (Canada)
- Ezra Miller (U.S.A.)
- Lajos Molnár (Hungary)
- Mostafa Mbekhta (France)
- Pilar Rueda (Spain)
- Peter Šemrl (Slovenia)
- Blas Torrecillas (Spain)
- Jan Trlifaj (Czech Republic)
- Mohamed Yousif (U.S.A.)

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- Lahbib Oubbi (Morocco)
- Giorgio Ottaviani (Italy)
- Luis Oyonarte (Spain)
- Vladimir Pestov (Brazil)
- Yuli Rudyak (U.S.A.)
- Nicholas Scoville (U.S.A.)

Email: icart2018@gmail.com

WEB: <http://www.fsr.ac.ma/icart2018/>

Team "Groupe d'Algèbre et d'Analyse Fonctionnelle"
(GrAAF), Department of Mathematics, Faculty of
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- Rajaa L'Hamri

ICART2018 is endorsed by the International Linear Algebra Society "ILAS"

