

Programme

3ème Rencontre Nationale du Laboratoire Algèbre, Analyse fonctionnelle et Applications

21 - 22 Juin 2019

Vendredi, 21 Juin

8H 30 - 10H

Ouverture

10H - 10H 30

Pause Café

Session Analyse

Horaire

Durée

Chairman : A. Touzani

10H 30 - 11H

30 min

E. Azroul

11H - 11H 30

30 min

A. Youssfi

11H 30 - 12H

30 min

A. Kacha

12H - 12H 20

20 min

A. Essanhaji

12H 20 - 12H 40

20 min

L. Lafhim

12H 40 - 13H

20 min

S. Lazaiz

13H -15H

Déjeuner

Session 1 : Analyse

Session 2 : Analyse

Session 3 : Algèbre

Session 4 : Algèbre

Horaire

Durée

Chairman: A. Youssfi

Chairman: L. Azroul

Chairman: M. Tamekkante

Chairman: A. Ouadghiri

15H - 15H 20

20 min

Y. Ahmida

S. Alaoui Chrifi

M. Es-Saidi

M. Issoual

15H 20 - 15H 40

20 min

M. Bourahma

A. Boumazough

Y. Zahir

O. Ait Zemzami

15H 40 - 16H

20 min

M. Masrour

M. Belayachi

H. El Mir

M. A. Idrissi

16H - 16H 20

20 min

M. Shimi

M. Ghoulam

A. Elkhalfi

E. Bouba

16H 20 - 16H 40

20 min

M. Khatri

R. ElHarch

M. Zerra

R. El Khalfaoui

16H 40 - 17H

20 min

M. Srati

F. Balaadich

H. Benyakkou

S. Moussaoui

17H -17H 30

Pause Café

| | | Session 1 : Analyse | Session 2 : Analyse | Session 3 : Algèbre | Session 4 : Algèbre |
|-----------------|--------|---------------------|----------------------|----------------------|-------------------------------|
| Horaire | Durée | Chairman: A. Hilali | Chairman: A. Mamouni | Chairman: C. Bakkari | Chairman: A. Rahmouni Hassani |
| 17H 30 - 17H 50 | 20 min | M. Rossafi | N. Ayyadi | A. Riffi | B. Nejjar |
| 17H 50 - 18H 10 | 20 min | H. Lakrimi | F. Barki | H. El Alaoui | F. Afkir |
| 18H 10 - 18H 30 | 20 min | O. Benchiheb | M. Es-Saiydy | A. Anebri | S. El Madrari |
| 18H 30 - 18H 50 | 20 min | H. Labrigui | M. El Idrissi | L. Es-Salhi | B. Boudine |
| 18H 50 - 19H 10 | 20 min | A. Touri | F. Rahou | A. Grini | J. Laaouine |
| 19H 10 - 19H 30 | 20 min | M. El Ansari | K. Hamdaoui | A. Omari | S. Moindze |
| 19H 30 - 19H 50 | 20 min | G. Chaachoui | K. Abounaaja | | M. Elhamam |

Samedi, 22 Juin

Session Algèbre

| Horaire | Durée | Chairman : A. ElBaraka |
|-----------------|--------|------------------------|
| 9H - 9H 30 | 30 min | A. Mamouni |
| 9H 30 - 10H | 30 min | A. Mouhib |
| 10H - 10H 20 | 20 min | E. Fliouet |
| 10H 20 - 10H 40 | 20 min | A. Seddik |
| 10H 40 - 11H | 20 min | K. Driss |
| 11H - 11H 30 | | Pause Café |

Session Algèbre

| Horaire | Durée | Chairman : O. Sidki |
|-----------------|--------|---------------------|
| 11H 30 - 11H 50 | 20 min | F. Kourki |
| 11H 50- 12H 10 | 20 min | R. Tribak |
| 12H 10 - 12H 30 | 20 min | Y. Hadder |
| 12H 30-12H 50 | 20 min | A. Toukmati |
| 12H 50 - 13H 10 | 20 min | M. Sahmoudi |
| 13H 10 - 13H 30 | 20 min | R. Matoui |

Table Ronde

Déjeuner

Programme (en détails)

Programme

Vendredi, 21 Juin 2019

8h30-10h : **Ouverture**

10h-10h30 : **Pause Café**

Chairman : A. Touzani (Session Analyse)

10h30 - 11h : Study of Some New Models of Nonlinear PDEs and Applications
E. Azroul (F. S. Dhar Mehrez, Fès)

11h -11h30 : On some non-standard functional analysis results
A. Youssfi (E. N. S. A., Fès)

11h30 - 12h : Transcendence and approximation measure of continued fractions
A. Kacha (F. S., Kénitra)

12h -12h20 : New algorithms for computing interpolation polynomials
A. Essanhaji (C. R. M. E. F., Rabat)

12h20-12h40 : New concept of ABB Theorem
L. Lafhim (F. S. Dhar Mehrez, Fès)

12h40-13h : Some fixed point theorems in ultrametric spaces
S. Lazaiz (F. S. Dhar Mehrez, Fès)

Déjeuner

Chairman: A. YOUSSEFI (Session 1 : Analyse)

15h - 15h20 : On the regularity of Musielak-functions
Y. Ahmida (E. N. S. A., Fès)

15h20 - 15h40 : A strongly nonlinear elliptic equation with generalized growth in Orlicz spaces
M. Bourahma (F. S. Dhar Mehrez, Fès)

15h40 - 16h : Regularity Results for a Class of Linear Elliptic Degenerate Boundary Value problems
M. Masrour (F. S. T., Fès)

16h - 16h20 : General fractional Sobolev Space with variable exponent and applications
M. Shimi (F. S. Dhar Mehrez, Fès)

16h20 - 16h40 : Some imbedding results in the anisotropic Musielak-Orlicz-Sobolev spaces
M. Khatri (E. N. S. A., Fès)

16h40 - 17h : Multiple solutions for a nonlocal Kirchhoff problem in Fractional Orlicz-Sobolev spaces
M. Srati (F. S. Dhar Mehrez, Fès)

Chairman: L. Azroul (Session 2 : Analyse)

15h - 15h20 : Limit points for Browder spectrum of operator matrices
S. Alaoui Chrifi (F. S. Dhar Mehrez, Fès)

15h20 - 15h40 : Mountain Pass theorem for a fractional $(p(\cdot), q(\cdot))$ -Laplacian system
A. Boumazough (F. S. Dhar Mehrez, Fès)

15h40 - 16h : Existence of bounded solutions for some nonlinear degenerate elliptic equations
M. Belayachi (F. P, Taza)

16h - 16h20 : Elliptic problem for the fractional Laplacian with a singular term and measure data
M. Ghoulam (E. N. S. A., Fès)

16h20 - 16h40 : Theory of Capacity and Non-linear Potential in anisotropic Sobolev spaces
R. ElHarch (F. P., Taza)

16h40 - 17h : On the Solvability of quasilinear elliptic systems via measure theory
F. Balaadich (F. S. Dhar Mehrez, Fès)

Chairman: M. Tamekkante (Session 3 : Algèbre)

15h - 15h20 : Extension of weakly nil-clean Rings
M. Es-Saidi (F. S, Meknès)

15h20 - 15h40 : Rings in which every nonzero weakly prime ideal is prime
Y. Zahir (F. S. T., Fès)

15h40 - 16h : A study of a new class of endomorphisms
H. El Mir (F. S. T., Fès)

16h - 16h20 : Generalization of strongly primary ideal
A. ElKhalfi (F. S. T., Fès)

16h20 - 16h40 : Prime ideals and commutativity criteria in general rings
M. Zerra (F. S. T., Fès)

16h40 - 17h : On theorem of Dedekind
H. Benyakkou (F. S. Dhar Mehrez, Fès)

Chairman : A. Ouadghiri (Session 4 : Algèbre)

15h - 15h20 : On (m, n) -closed ideals in trivial extension ring of commutative rings
M. Issoual (F. S. T., Fès)

15h20 - 15h40 : A study of differential prime rings with involution
O. Ait Zemzami (F. S. T., Fès)

15h40 - 16h : Derivations over Amalgamated Algebras Along an Ideal
M. A. Idrissi (F. S. T., Fès)

16h - 16h20 : Duplication of a module along an ideal
E. Bouba (F. S., Meknès)

16h20 - 16h40 : The generalization of prime ideals in some constructions of rings
R. El Khalfaoui (F. S. T., Fès)

16h40 - 17h : Weak π -rings in amalgamated algebra
S. Moussaoui (F. S. T., Fès)

17h - 17h30 : **Pause Café**

Chairman : A. HILALI (Session 1 : Analyse)

17h30 - 17h50 : Application of Operator Frames for solving the equation $Lu = v$
M. Rossafi (F. S., Kénitra)

17h50 - 18h10 : Property of being supercyclic (resp. recurrent, mixing recurrent) from T
to L_T and R_T
H. Lakrimi (F. S., El Jadida)

18h10 - 18h30 : On cyclic, supercyclic and hypercyclic sets of operators
O. Benchiheb (F. S., El jadida)

18h30 - 18h50 : The dual of $*$ -operator frames for $End_{\mathcal{A}}^*(H)$
H. Labrigui (F. S., Kénitra)

18h50 - 19h10 : $*$ -operator frame for $End_{\mathcal{A}}^*(\mathcal{H})$
A. Touri (F. S., Kénitra)

19h10 - 19h30 : Renormalized Solutions Of Stefan Elliptic Nonlinear Problems
M. El Ansari (F. P., Taza)

19h30 - 19h50 : The Study of New Finite Series
G. Chaachoui (F. S. T., Fès)

Chairman : A. Mamouni (Session 2 : Analyse)

17h30 - 17h50 : Existence of solutions to systems of first-order differential equations with
the method of solution-tube
N. Ayyadi (F. S., Rabat)

17h50 - 18h10 : Uniform Abel ergodic for C_0 -semigroups
F. Barki (F. S Dhar Mehrez, Fès)

18h10 - 18h30 : Weighted pseudo almost periodic functions in the sense of Stepanov on time
scales and application
M. Es-Saiydy (F. S., Meknès)

- 18h30 - 18h50 : Necessary optimality conditions for a set valued fractional programming problem in terms of contingent epiderivatives
M. El Idrissi (F. S. Dhar Mehrez, Fès)
- 18h50 - 19h10 : Necessary optimality conditions for a bilevel multiobjective programming problem via a ψ - reformulation
F. Rahou (F. S. Dhar Mehrez, Fès)
- 19h10 - 19h30 : Optimality conditions with respect to an ordering map using an exact separation principle
K. Hamdaoui (F. S. Dhar Mehrez, Fès)
- 19h30 - 19h50 : Covering spaces and Riemann surfaces
K. Abounaaja (F. S. T., Fès)

Chairman : C. Bakkari (Session 3 : Algèbre)

- 17h30 - 17h50 : Graded-coherent rings and modules
A. Riffi (F. S, Meknès)
- 17h50 - 18h10 : About weakly Bézout rings
H. El Alaoui (F. S. Dhar Mehrez, Fès)
- 18h10 - 18h30 : On AA-rings
A. Anebri (F. S. T., Fès)
- 18h30 - 18h50 : About clean property in bi-amalgamated algebras along ideals
L. Es-Salhi (F. S. T., Fès)
- 18h50 - 19h10 : Twisted Hessian curves on local ring $F_q[\epsilon], \epsilon^2 = 0$
A. Grini (F. S. Dhar Mehrez, Fès)
- 19h10 - 19h30 : On isonoetherian, isoartinian and isosimple rings
A. Omari (F. S., Meknès)

Chairman : A. Rahmouni Hassani (Session 4 : Algèbre)

- 17h30 - 17h50 : Some commutativity criteria for prime rings with differential identities on Jordan ideals
B. Nejjar (F. S, Kénitra)
- 17h50 - 18h10 : New characterization of almost L-weakly compact operator
F. Afkir (F. S. T., Errachidia)
- 18h10 - 18h30 : PÓLYA GROUP OF A NUMBER FIELD K
S. El Madrari (F. S. T., Errachidia)
- 18h30 - 18h50 : Le constructivisme: les idaux de Fitting
B. Boudine (F. S. Dhar Mehrez, Fès)
- 18h50 - 19h10 : Cyclic codes over finite chain rings
J. Laaouine (F. S. Dhar Mehrez, Fès)

19h10 - 19h30 : On the zero-divisor graph of bi-amalgamations
S. Moindze (F. S. T., Fès)

19h30 - 19h50 : Twisted Hessian Curve over the non local Ring $F_q[e], e^2 = e$
M. Elhamam (F. S. Dhar Mehrez, Fès)

Programme

Samedi, 22 Juin 2019

Chairman : A. ElBaraka (Session Algèbre)

9h - 9h30 : On additives mapping on prime and semi-prime rings : A survey
A. Mamouni (F. S. T., Errachidia)

9h30 - 10h : Introduction à la théorie d'Iwasawa
A. Mouhib (F. P., Taza)

10h - 10h20 : On the preservation of quasi-modularity
E. Fliouet (C. R. M. E. F., Agadir)

10h20 - 10h40 : THE DIOPHANTINE EQUATION $X^3 + Y^3 = 2Z^2$
A. Seddik (F. S. Ain Chock, Casablanca)

10h40-11h : On the spectrum of infinite product of rings
K. Driss (F. S. T., Mohammedia)

11h - 11h30 : **Pause Café**

Chairman : O. Sidki (Session Algèbre)

11h30 - 11h50 : On Some Commutative Trivial Extensions
F. Kourki (C. R. M. E. F., Larache)

11h50 - 12h10 : Study of Formal Triangular Matrix Rings and Their Modules
R. Tribak (C. R. M. E. F., Tanger)

12h10 - 12h30 : On the Compact Commutative Semisimple Banach Algebra
Y. Hadder (C. R. M. E. F., Fès-Meknès)

12h30 - 12h50 : The single valued extension property, and M-hypercyclicity for C_0 -semigroup
A. Toukmati (F. S. T., Al-Hoceima)

12h50 - 13h10 : Elliptic curve on a family of ring
M. Sahmoudi (E. N. S. A., Kénitra)

13h10 - 13h30 : Transformations that preserve principal minors of an $n \times n$ skew-symmetric matrices
R. Matoui (F. S. T., Mohammedia)

TABLE RONDE

Déjeuner