

CMIA 2024

SCHEDULE OF ACTIVITIES

Day 1: Monday 9 December

8am-8:30am: Registration

8:30am-9:30am: Mouhamadou Sy: “Qualitative study of dispersive PDEs” Lecture 1

9:30am-10:30am: Opening and Coffee break (P. Osei, R. Hawkins, O Menoukeu Pamen)

10:30am-11:30am: Mouhamadou Sy: “Qualitative study of dispersive PDEs” Lecture 2

11:30am-12am: Latevi M. Lawson: “Crossed module of semisimple Hopf algebra”

12:00am-1:30pm: Lunch Break

Chair: Latevi Lawson

1:30pm-2:30am: Cyrille Nana: “Hilbert-type inequalities in homogeneous cones”
(Online)

2:30pm-3:30pm: Jules Sadefo: “Financial Quantification of Cyber-Risk using Machine Learning Models and Generalized Extreme Value Distributions”

3:30pm-4:00pm: Coffee Break

Chair: Auguste Aman

4:00pm-4:30pm: Rémi Cocou Avohou: “Enumerating Invariant Observables in Tensor Models: A Symmetric Group-Theoretic Approach”

4:30pm-5:00pm: Adeniji Adenike Olusola: “Interpolative Characterisation Of Full Transformation Semigroup”

5:00pm-5:30pm: Michael Manford: “Parameter Estimation of an Alternative Multivariate Exponential Power Distribution - Application in Discriminant Analysis”

5:30pm-6:30pm: Discussion

7:00pm-8:00pm: Diner

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SCHEDULE OF ACTIVITIES

Day 2: Tuesday 10 December

8:30am-9:30am: Stefan Ankirchner: “Diffusion control ranking games” Lecture 1

9:30am-10:30am: Stefan Ankirchner: “Diffusion control ranking games” Lecture 2

10:30am-11:00am: Coffee Break

11:30am-12am: Mouhamadou Sy: “Qualitative study of dispersive PDEs” Lecture 3

12:00am-1:30pm: Lunch Break

Chair: Rhoss Likibi Pellat

1:30pm-2:30am: Moustapha Dieye: “Controllability of Volterra Evolution Equations with Impulsive Terms”

2:30pm-3:30pm: Audace Amen V. Dossou-Olory: “Decks and multidecks of rooted rooted phylogenetic tree shapes”

3:30pm-4:00pm: Coffee Break

Chair: Jules Sadefo

4:00pm-4:30pm: Abekah Cedric Koffi: “Impact of social factors on loan delinquency in microfinance”

4:30pm-5:00pm: Matthews M. Sejeso: “Optimization Framework for Fair and Efficient Campus Parking Allocation”

5:00pm-5:30pm: Yawo Mamoua KOBARA: “Capacity Estimation in a Queueing System: Healthcare Case”

5:30pm-6:30pm: Discussion

7:00pm-8:00pm: Dinner

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SCHEDULE OF ACTIVITIES

Day 3: Wednesday 11 December

8:30am-9:30am: Mouhamadou Sy: “Qualitative study of dispersive PDEs” Lecture 4

9:30am-10:30am: Stefan Ankirchner: “Diffusion control ranking games” Lecture 3

10:30am-11:00am: Coffee Break

11:30am-12am: Stefan Ankirchner: “Diffusion control ranking games” Lecture 4

12:00am-1:30pm: Lunch Break

Chair: Audace Amen V. Dossou-Olory

1:30pm-2:30am: Auguste Aman: “Contribution on study of delayed forward backward SDE to modeling financial theory”

2:30pm-3:00pm: Filone Gilson Longmou Moffo: “Probabilistic global-wellposedness for energy-supercritical Schrodinger equations on compact manifolds”

3:00pm-3:30pm: Jake Leonard Nkeck: “Defect-correction Finite Element Methods for Elliptic and Parabolic problems on polygonal domains”

3:30pm-4:00pm: Coffee Break

Chair: Moustapha Dieye

4:00pm-4:30pm: Winfrida Felix Mwigilwa: “Optimal Reinsurance-Investment for Two Insurance companies under GMR with Federal Income Tax and Dividends”

4:30pm-5:00pm: Apollinaire WOUNDJIAGUE: “Optimal Investment - Consumption - Insurance with Partial Information and Correlation Between Assets Price and Factor Process”

5:00pm-5:30pm: Wilfried Kuissi Kamdem: “Optimal consumption with labor income and borrowing constraints for recursive preferences”

5:30pm-6:30pm: Discussion

7:00pm-8:00pm: Conference Diner

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SCHEDULE OF ACTIVITIES

Day 4: Thursday 12 December

8:30am-9:30am: Stefan Ankirchner: “Stochastic control and model-based learning” Talk 1

9:30am-10:30am: Stefan Ankirchner: “Stochastic control and model-based learning” Talk 2

10:30am-11:00am: Coffee Break

Chair: Apollinaire Woundjiague

11:00am-11:30am: Maalvladedon Ganet Some: “Stochastic optimal control and its applications in a residential energy system”

11:30am-12:00pm: Chisara Ogbobo: “The department of mathematical science at the University of Ghana”

12:00pm-1:30pm: Closing/Lunch Break

