# List of talks

#### Omar Mohsen\*

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### 2025

- 1. November, Istanbul, Turkey, Conference on the honour of G. Skandalis 70s birthday.
- 2. June, Lund, Sweden, Hypoellipticity in Lund 2025.
- 3. June, Lausanne, Switzerland, New trends and applications around generalized Fokker-Planck operators. Mini Course
- 4. April, Toulouse, France, Regards croisés sur l'hypoellipticité. Mini course.
- 5. March, Paris, France, Cours Peccot, College de France. Mini Course (4 Lectures).
- 6. March, Paris, France (IHP), Analysis on homogeneous spaces and operator algebras
- 7. February, Paris, France, Habilitation Defense at Paris-Saclay University
- 8. January, Marseille, France (CIRM), Methods in representation theory and operator algebras. Mini Course (4 Lectures).

## 2024

- 1. December, Orsay, France, Séminaire Géométrie Topologie Dynamique
- 2. December, Cairo, Egypt, Winter School in Mathematical Analysis. Mini Course 3 Lectures
- 3. November, Marseille, France (CIRM), Frontiers in Sub-Riemannian Geometry
- 4. June, Bilbao, Spain (BCAM), Kinetic equation, Mathematical Physics and Probability (KEMAP) Workshop
- 5. June, Cortona, Italy, Noncommutative Geometry and Applications.
- 6. May, Montreal, Canada, Analysis of Geometric Singularities.

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- 7. April, Marseille, France (CIRM), Group operator algebras and Non commutative geometry.
- 8. March, Orsay, France, Seminar in University Paris-Saclay (EDP team).

### 2023

- 1. December, Toronto, Fields institute, Workshop on Operator Algebras and Applications: Non-Commutative Geometry. Youtube video Recording.
- 2. November, State College, Pennsylvania, Geometry and Physics seminar.
- 3. November, Bath, UK, Operator Algebras in the South of the UK.
- 4. Novemeber, Flanders, Belgium Ghent Methusalem Junior Seminar. Online talk.
- 5. July, Kyoto, Japan, Noncommutative Geometry, Index Theory and Representation Theory.
- 6. June, Paris, France, Conference in the IHP on singular foliations
- 7. May, Oberwolfach, Germany, workshop Hypoelliptic operators in geometry.
- 8. May, Paris, France, Colloque de Géométrie à l'Université Paris Est Créteil.
- 9. March, Paris, France, Operator algebra seminar in Université Paris Cité.
- 10. March, New York, USA, AIM Research Community. Representation Theory and Noncommutative Geometry. This is what I do series. Online.
- 11. March, Athena, Greece, Noncommutative geometry and representation theory.
- 12. January, Marrakesh, Morocco, 5th International Conferênce de Settat on Operator Algebras and Applications (ICSOAA2023).

#### 2022

- 1. December, Villa de Leyva, Colombia, Conference on non commutative geometry and geometric analysis.
- 2. October, Orsay, France, Groupe de travail.
- 3. September, USA, Global Noncommutative Geometry Seminar. An online recording is available here.
- 4. June, Cortona, France, Conference on Dirac operators.
- 5. June, Caen, France. Rencontre GDR. Two blackboard talks.
- 6. June, Rome, Italy. Conference Ypatia.

- 7. April, Pennsylvania, USA, noncommutative geometry seminar. An online talk.
- 8. March, Pennsylvania, USA, noncommutative geometry seminar. An online talk.
- February, Paris, France, Operator algebra seminar in Université Paris Cité.

## 2021

- 1. October, Les Diablerets, Switzerland, Seminaire Kervaire 2021. 2 blackboard talks.
- 2. September, Orsay, France, Journée de rentrée équipe Topologie Dynamique.
- 3. June, Oberwolfach, Germany, workshop Analysis Geometry and Topology of Singular PDE. Oberwolfach Report.
- 4. January, Muenster, Germany, Seminar of topology team.

### 2020

1. April, Muenster, Germany, Seminar of operator algebra team.

## 2019

- 1. October, Muenster, Germany, Seminar of operator algebra team.
- 2. June, Kyoto, Japan, Conference in honour of 70 birthday of G. Kasparov.