



Schedule

Updated on July 10, 2017

Wednesday, July 12, 2017 – Arrival of participants at the hotel

- 17:00 – 19:00 Registration at Seagull hotel
- 19:00 – 19:30 Welcome cocktail at the hotel
- 19:30 – 21:00 Dinner at the hotel

Thursday, July 13, 2017

- 07:45 – 08:00 Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 08:50 Welcome address by Jean Trần Thanh Vân (ICISE)
- 08:50 – 09:30
 - Thierry **Masson** (CPT)
 - Introduction to the School and its content
- 09:30 – 10:30 Lecture
 - Ryszard **Nest** (KU)
 - Formal and non-formal Quantization and Index Theorems – 1/6
- 10:30 – 11:00 Coffee Break
- 11:00 – 12:00 Lecture
 - Nathan **Brownlowe** (USyd)
 - Equilibrium states on operator-algebraic dynamical systems – 1/6
- 12:00 – 13:30 Lunch
- 13:30 – 14:30 Lecture
 - Johannes **Kellendonk** (ICJ)
 - Noncommutative Topology and Topological Quantization – 1/6
- 14:30 – 15:30 Lecture
 - Ryszard **Nest** (KU)
 - Formal and non-formal Quantization and Index Theorems – 2/6
- 15:30 – 16:00 Coffee Break
- 16:00 – 17:00 Lecture
 - Fedele **Lizzi** (Unina)
 - Noncommutative Geometry and Field Theory – 1/6
- 17:00 – 18:00 Training and group activities, leisure time
- 18:00 – 18:30 Shuttles departure from ICISE to Seagull Hotel
- 19:00 – 20:30 Dinner

Friday, July 14, 2017

Morning session exceptionally at Quy Nhon University

08:10 – 08:30 Welcome address by the President of the Quy Nhon University

08:30 – 09:30 Lecture

Fedor **Sukochev** (UNSW)

Introduction to Noncommutative Analysis and Integration – 1/6

09:30 – 10:30 Lecture

Ryszard **Nest** (KU)

Formal and non-formal Quantization and Index Theorems – 3/6

10:30 – 11:00 Coffee Break

11:00 – 12:00 Lecture

Nathan **Brownlowe** (USyd)

Equilibrium states on operator-algebraic dynamical systems – 2/6

12:00 – 13:30 Lunch at the Quy Nhon University

13:30 – 14:00 Shuttle to ICISE

Afternoon session at ICISE

14:00 – 15:00 Lecture

Patrizia **Vitale** (UNINA)

Noncommutative Geometry and Field Theory – 2/6

15:00 – 16:00 Lecture

Johannes **Kellendonk** (ICJ)

Noncommutative Topology and Topological Quantization – 2/6

16:00 – 16:30 Coffee Break

16:30 – 17:30 Lecture

Ryszard **Nest** (KU)

Formal and non-formal Quantization and Index Theorems – 4/6

17:30 – 18:00 Training and group activities, leisure time

18:00 – 18:30 Shuttles departure from ICISE to Seagull Hotel

19:00 – 20:30 Dinner

Saturday, July 15, 2017

07:45 – 08:00 Shuttles departure from Seagull Hotel to ICISE

08:30 – 09:30 Lecture

Bram **Mesland** (Universitaet Bonn)

Unbounded KK -theory in Noncommutative Geometry and Physics – 1/6

09:30 – 10:30 Lecture

Ryszard **Nest** (KU)

Formal and non-formal Quantization and Index Theorems – 5/6

10:30 – 11:00 Coffee Break

11:00 – 12:00 Lecture

Fedor **Sukochev** (UNSW)

Introduction to Noncommutative Analysis and Integration – 2/6

12:00 – 13:30 Lunch

13:30 – 19:00 Free Afternoon

19:00 – 20:30 Dinner

Sunday, July 16, 2017 – Free Activities, Excursion

Day reserved for tourism

Monday, July 17, 2017

- 07:45 – 08:00** Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 09:30** Lecture
Fedor **Sukochev** (UNSW)
Introduction to Noncommutative Analysis and Integration – 3/6
- 09:30 – 10:30** Lecture
Ryszard **Nest** (KU)
Formal and non-formal Quantization and Index Theorems – 6/6
- 10:30 – 11:00** Coffee Break
- 11:00 – 12:00** Lecture
Nathan **Brownlowe** (USyd)
Equilibrium states on operator-algebraic dynamical systems – 3/6
- 12:00 – 13:30** Lunch
- 13:30 – 14:30** Lecture
Johannes **Kellendonk** (ICJ)
Noncommutative Topology and Topological Quantization – 3/6
- 14:30 – 15:30** Lecture
Patrizia **Vitale** (UNINA)
Noncommutative Geometry and Field Theory – 3/6
- 15:30 – 16:00** Coffee Break
- 16:00 – 17:00** Lecture
Bram **Mesland** (Universitaet Bonn)
Unbounded KK -theory in Noncommutative Geometry and Physics – 2/6
- 17:00 – 18:00** Posters Session
- 18:00 – 18:30** Shuttles departure from ICISE to Seagull Hotel
- 19:00 – 20:30** Dinner

Tuesday, July 18, 2017

- 07:45 – 08:00** Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 09:30** Lecture
Patrizia **Vitale** (UNINA)
Noncommutative Geometry and Field Theory – 4/6
- 09:30 – 10:30** Lecture
Fedor **Sukochev** (UNSW)
Introduction to Noncommutative Analysis and Integration – 4/6
- 10:30 – 11:00** Coffee Break
- 11:00 – 12:00** Lecture
Bram **Mesland** (Universitaet Bonn)
Unbounded KK -theory in Noncommutative Geometry and Physics – 3/6
- 12:00 – 13:30** Lunch
- 13:30 – 14:30** Lecture
Johannes **Kellendonk** (ICJ)
Noncommutative Topology and Topological Quantization – 4/6
- 14:30 – 15:30** Lecture
Fedele **Lizzi** (Unina)
Noncommutative Geometry and Field Theory – 5/6
- 15:30 – 16:00** Coffee Break
- 16:00 – 17:00** Lecture
Nathan **Brownlowe** (USyd)
Equilibrium states on operator-algebraic dynamical systems – 4/6
- 17:00 – 18:00** Training and group activities, leisure time
- 18:00 – 18:30** Shuttles departure from ICISE to Seagull Hotel
- 19:00 – 20:30** Dinner

Wednesday, July 19, 2017

- 07:45 – 08:00** Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 09:30** Lecture
Fedor **Sukochev** (UNSW)
Introduction to Noncommutative Analysis and Integration – 5/6
- 09:30 – 10:30** Lecture
Bram **Mesland** (Universitaet Bonn)
Unbounded KK -theory in Noncommutative Geometry and Physics – 4/6
- 10:30 – 11:00** Coffee Break
- 11:00 – 12:00** Seminar
Yoshiaki **Maeda** (TFC)
Noncommutative one-sheeted hyperboloids via deformation quantization
- 12:00 – 13:30** Lunch
- 13:30 – 19:00** Free Afternoon
- 19:00 – 20:30** Dinner

Thursday, July 20, 2017

- 07:45 – 08:00** Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 09:30** Lecture
Bram **Mesland** (Universitaet Bonn)
Unbounded KK -theory in Noncommutative Geometry and Physics – 5/6
- 09:30 – 10:30** Lecture
Nathan **Brownlowe** (USyd)
Equilibrium states on operator-algebraic dynamical systems – 5/6
- 10:30 – 11:00** Coffee Break
- 11:00 – 12:00** Lecture
Fedor **Sukochev** (UNSW)
Introduction to Noncommutative Analysis and Integration – 6/6
- 12:00 – 13:30** Lunch
- 13:30 – 14:30** Lecture
Johannes **Kellendonk** (ICJ)
Noncommutative Topology and Topological Quantization – 5/6
- 14:30 – 15:30** Lecture
Fedele **Lizzi** (Unina)
Noncommutative Geometry and Field Theory – 6/6
- 15:30 – 16:00** Coffee Break
- 16:00 – 17:00** Training and group activities, leisure time
- 17:00 – 18:30** Free time (round trip to the hotel)
- 18:30 – 22:00** Conference Dinner (at ICISE)

Friday, July 21, 2017

- 07:45 – 08:00** Shuttles departure from Seagull Hotel to ICISE
- 08:30 – 09:30** Lecture
Bram **Mesland** (Universitaet Bonn)
Unbounded KK -theory in Noncommutative Geometry and Physics – 6/6
- 09:30 – 10:30** Lecture
Nathan **Brownlowe** (USyd)
Equilibrium states on operator-algebraic dynamical systems – 6/6
- 10:30 – 11:00** Coffee Break
- 11:00 – 12:00** Lecture
Johannes **Kellendonk** (ICJ)
Noncommutative Topology and Topological Quantization – 6/6
- 12:00 – 13:30** Lunch
- 13:30 – 14:30** Seminar
Paolo **Bertozzini** (TU)
Higher C^* -categories – Towards Categorized NCG
- 14:30 – 15:30** Seminar
- 15:30 – 16:00** Coffee Break
- 16:00 – 18:00** Informal discussion between participants and lecturers
- 18:00 – 18:30** Shuttles departure from ICISE to Seagull Hotel
- 19:00 – 20:30** Dinner

Saturday, July 22, 2017 – Departure of Participants

Shuttles to Airport