

# C\*-algebraic methods in spectral theory

Welcome !

Presentation: Name: Serge Richard (リシヤール セルジユ)

Origin: Switzerland

Mother tongue: French

Education: Lausanne and Geneva (Switzerland)

Research and teaching experiences: Several years in Lyon (France)  
2 years in Cambridge (United Kingdom)  
2 years in Tsukuba (Japan)  
6 months in Nagoya...

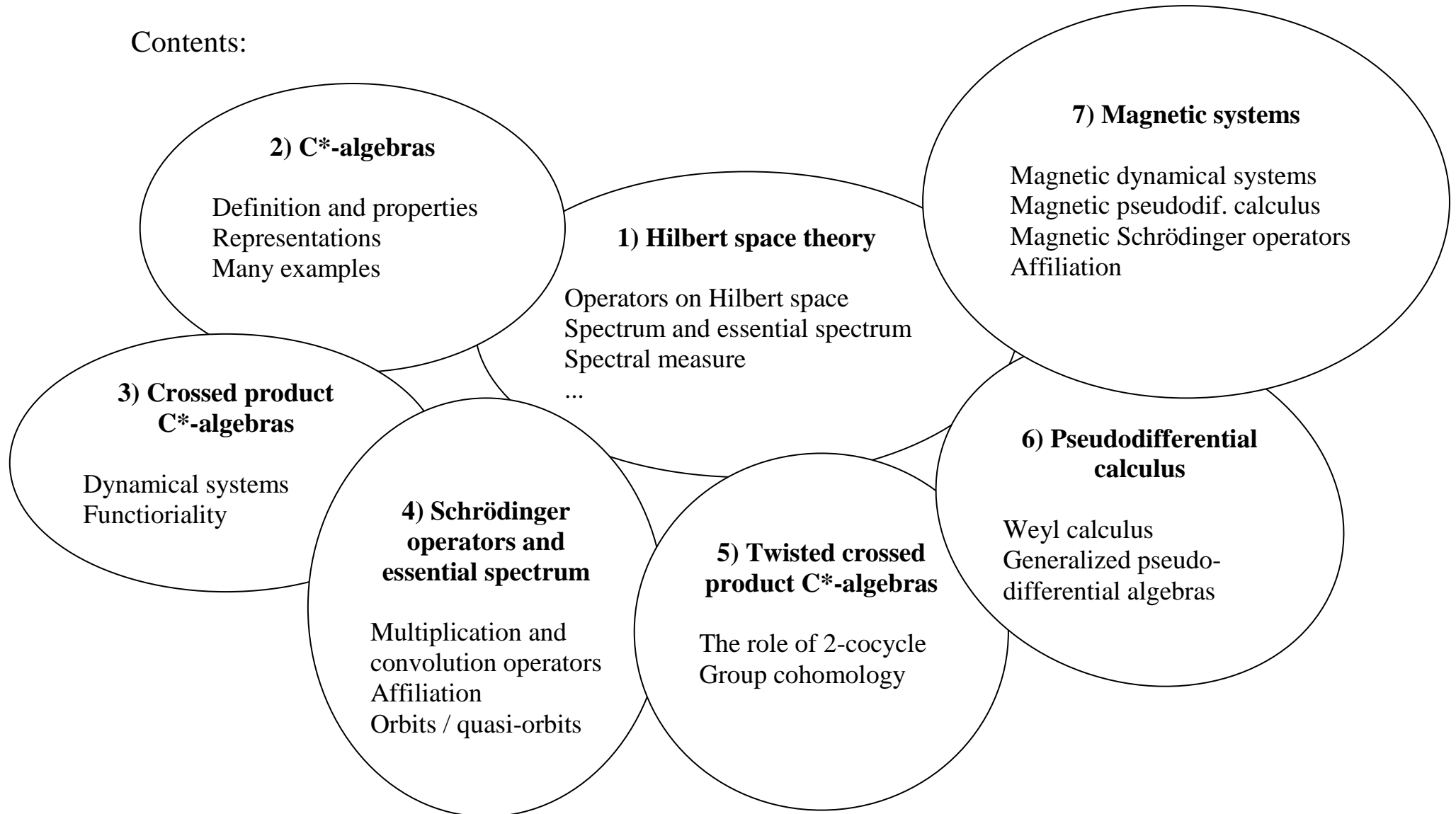
Aim of these lectures: Present recent techniques in functional analysis

Introduce an interdisciplinary subject

Show the unity of mathematics

# C\*-algebraic methods in spectral theory

Contents:



## **C\*-algebraic methods in spectral theory**

**Big challenges:** Lots of material

Many interconnections to be explained

**Barrier of language**

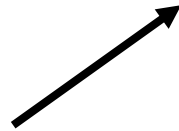


**Lecture notes available**

(corrections and comments are most welcome)

**but valuable experience !**

Evaluation: *Grades based on attendance, voluntary works and written reports*



Attendance at most of the lectures



Additional proofs, Exercises or Extensions  
voluntary returned on a regular basis...  
(will be added on the website of the course)

Feel free to contact me at any time: **richard@math.nagoya-u.ac.jp** and **Rm. 237 in Sci. Bldg. A**

More updated information on

**<http://www.math.nagoya-u.ac.jp/~richard/spectral.html>**