

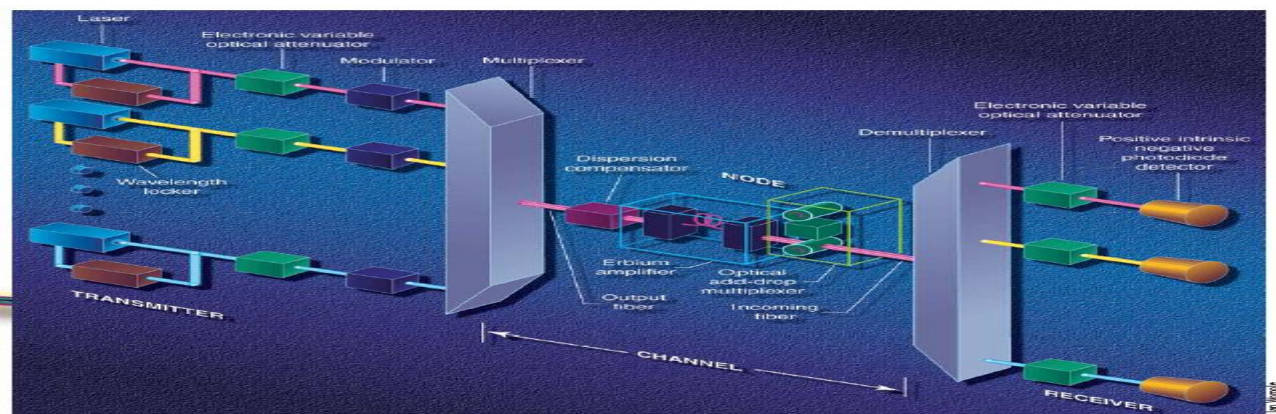
University of Kairouan

THE KAIROUAN MATHEMATICS SEMINAR ORGANIZES A SCIENTIFIC DAY ABOUT:

QWN-OPERATOR THEORY AND QUANTUM CRYPTOGRAPHY

In the conference room of the Higher Institute of Computer Science and Management of Kairouan (ISIG)

Date: January 11, 2020



Program :

In the morning:

09:20 – 10:00 **Hafedh Rguigui** (MAH, Sousse University+Umm Al-Qura University): **QWN-Operator Theory and Applications**

10:00 – 10:40 **Abdessattar Bouzid** (MA, Umm Al-Qura University): **Single photon detector for quantum cryptography**

10:40 – 11:00 Coffee break

11:00 – 11:40 **Aymen Ettaieb** (MA, Gafsa University): **Quantum Stochastic Analysis**

11:40 – 12:20 **Chaker Bouzidi** (MC, CNRSM Borj Cedria Technopole): **Judd-ofelt analysis and experimental studies of rare earth doped materials for white luminescence applications**

In the evening: (Doctoral students)

13:30 – 14:00 **Sonia Missaoui** (Sfax University): **Quantum Fractional Number Operator and Applications**

14:00 – 14:30 **Slaheddine Wannas** (Gabes University): **On the Bogolyubov endomorphisms of the SWN algebra**

14:30 – 15:00 **Amine Ettaieb** (Sousse University): **Quantum decomposition associated with the q-deformed lévy-Meixner white noise**

15:00 – 15:30 **Marwa Missaoui** (Sfax University): **Riccati Wick Differential**

The organizers: **Hafedh Rguigui** (hafedh.rguigui@yahoo.fr) and **Mohsen Miraoui** (sem.math.kairouan@gmail.com)