

P
R
O
G
R
A
M
M
E

INAUGURAL CONFERENCE

GRADUATE PROGRAMME "INFORMATION AND KNOWLEDGE SOCIETY"

15TH & 16TH OCTOBER, 2025
LILLIAD, AMPHITHEATER A,
CAMPUS CITÉ SCIENTIFIQUE



OCTOBER 15TH

8:45AM - 9:00AM Welcome desk – attendance checking

9:15AM - 9:45AM Graduate Programme Presentation – *Marc LEFRANC*

9:45AM - 10:15AM 'High-Throughput Optical Imaging for Precision Medicine' –
Jean-Emmanuel CLÉMENT (CPJ Ulille, LASIRE)

10:15AM - 10:45AM 'Random networks and mathematical modeling in epidemiology' –
Viet Chi TRAN (DR INRIA Lille)

COFFEE BREAK

11:15AM - 12:00AM Presentation of the Graduate Programme grants, of the
International Relations Office & 'La Maison Internationale' – *Eloïse DENTREUIL,*
André CARUSO & Elysa GACHE

12:00AM - 12:15AM 'Researching the future of reinforcement learning in Canada' –
Hector KOHLER (PhD INRIA Lille& CRISAL)

12:15AM - 12:30AM 'Quantitative biology on chip in Germany' – *Annum Khalid BHATTI*
(M2 LST)

LUNCH PROVIDED BY THE GP and POSTERS

2:00PM - 3:00PM Presentation of master tracks by students

3:00PM - 3:30PM 'Topological chips for 6G Terahertz telecommunications' –
Alberto AMO (DR CNRS, PhLAM) & Guillaume DUCOURNAU (PR Ulille, IEMN)

COFFEE BREAK

4:00PM - 4:15PM 'Development of a 3D Tissue-Engineered Model for the Study of the
Tumor Microenvironment in Prostate Cancer- Québec, Canada, 2025' - *Farah NEDHIF*
(M2 LST)

4:15PM - 4:30PM 'Confucius resurrected: A dialogue between Western democracy and
Chinese meritocracy' – *Klaudi PRENGA (M2 LILIPHI)*

4:30PM - 4:45PM 'Accelerating large-scale genomic analysis in Washington DC and
Pittsburgh' – *Igor MARTAYAN (PhD CRISAL)*

4:45PM - 5:00PM 'Lost in translation? Found in Multilingual Pragmatics, Research
mobility in Madrid' - *Angelica GUTIÉRREZ CISNEROS (PhD SCALab)*

COCKTAIL



OCTOBER 16TH

9:15AM - 9:45AM 'Exploring aptamers : computational investigation of protein-DNA interactions' – *Timofii MURATOV (PhD IEMN)*

9:45AM - 10:15AM 'Deciphering the living using the infinity small, with large datasets : when computer science meets biology' – *Bastien DEGARDINS (PhD CRISAL)*

10:15AM - 10:45AM 'From Monte Carlo to astronomy: estimating properties of interstellar clouds' – *Nicolas GOEMAN (PhD Centrale & CRISAL)*

COFFEE BREAK

11:15AM - 12:45AM 'Pursuing a PhD' Round table - *Ludovic MACAIRE, (director of graduate school MADIS) & Henri HAPPY (director of graduate school ENGYS)*

LUNCH PROVIDED BY THE GP and POSTERS

2:15PM - 2:45PM 'Human-AI Exploration in Design Practice' – *Janin KOCH (CR INRIA Lille)*

2:45PM - 3:15PM 'Hydrodynamic Quantum Analogs' – *Konstantinos PAPATRYFONOS (CPJ CNRS, IEMN)*

3:15PM - 3:45PM 'Parallel bias reduction in galaxy observations with Julia' – *Mike PETRAULT (PhD CRISAL)*

POSTERS by PhD students

- 'Sedentariness and consequences, advices for the use of sit-stand desks'
- *Paul BUTIN (PhD SCALab)*
- 'Contribution to circuit design and advanced characterization for D-band communication applications'
- *Yewulsew Manale WODAJE (PhD IEMN)*