



Mathématiques, Information,  
Ingénierie des Systèmes

## PhD School Day / JED'24

This day brings together PhD students from two close knitted doctoral schools: ED **PSIME** (Physic, Engineering, Materials and Energy) & **MIIS** (Mathematics, Information science and technology, System engineering sciences). Its purpose is to show the evolution of the PhD to first year PhD students through the presentations of the work of older peers, accomplished scientists and young doctors from PSIME and MIIS doctoral schools, highlighting the supportive environment provided.

We thank profusely all the speakers who made this day enriching.

We thank all the institutions which made this day possible ( Normandie Université, INSA Rouen, Rouen Université, Université de Caen, ENSICAEN ) and especially Le Havre University Normandy, IUT Frissard and Normandie Doc' for their help in hosting the JED'24.



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## PhD School Day/JED'24



*Link to sign up*  
[https://forms.office.com/e/  
Zf6G3sMqQh](https://forms.office.com/e/Zf6G3sMqQh)

**9th  
December  
2024**



**IUT Le Havre,  
Quai Frissard**



# Program

9h30-10h35: *First Session*

Opening

Presentation of ED PSIME

Conference: **Gregory Pinon**, LOMC, ED PSIME

*"A focus on some Marine REnewable Energies research topics at LOMC (Le Havre, France) "*

10h35-11h05: *Coffee break*

11h05-12h15: *Second Session*

Presentation of ED MIIS

Conference: **Alain Miranville**, LMAH, ED MIIS

*"Mathematical models in tumor growth"*

Presentation of Normandie Doc', *Luis Saluden*

12h15-14h30: *Lunch break*

14h30-16h00: *Third Session: PhD Students presentations*

**Paulin Héleine**, LITIS, ED MIIS, *"The Sandpile Dynamics to Optimize Task Processing in a Network"*

**Riyad Hassaine**, LOMC, ED PSIME, *"Electronic collision with molecular cations: theoretical study and applications for nuclear fusion and astrophysics"*

**Audrey Chaudron**, LMRS, ED MIIS, *"Geometry of exceptional configurations of a random covering"*

**Chrystal Lopes**, SMS, ED PSIME, *"Enantiopurification by mechanochemistry: a "green" and efficient process ... but with pitfalls"*

**Lise Kastner**, GREYC, ED MIIS, *"Experimental parameter tuning: a combined approach of Bayesian optimization and sensitivity analysis"*

**Hamza Mustapha**, LUSAC, ED PSIME, *"Sizing and energy management of a RES Farm"*

16h00-16h30: *Coffee break*

16h30-17h30: *Roundtable : "What's after the PhD ?"*

**Elhjad Barry**, GDTech (Safran)

**Matthias Sesboüé**, VitiVisio

**Théo Grente**, GREYC

**Antoine Meyer**, LOMC



**Normandie Doc'** is an association bringing together the PhD students from. It is the only association of this kind in France, representing all PhD students from the same region. Their work focuses on three subjects:

- **Socialisation**, to improve the PhD students life through events such as PhD Welcome Day or writing retreats

- **Scientific Mediation**, to share scientific research with the general public.

- **Networking**, by strengthening the relationships between PhD students, professionals and institutions.



[www.normandiedoc.fr](http://www.normandiedoc.fr)

## Lunch at

### Hôtel Mercure - Bassin du Commerce

*Chaussée Georges Pompidou, 76600 Le Havre - 12.15 p.m*

#### Menu

*(Regular option)*

Starter

*Smoked Salmond, lentil salad and mustard vinaigrette*

Main course

*Marengo Veal casserole*

Dessert

*Normandy apple tart with Isigny cream*

#### Menu

*(Vegetarian option)*

Starter

*Creme of tomato soup*

Main course

*Butternut stuffed with feta cheese an mushrooms*

Dessert

*Normandy apple tart with Isigny cream*