La Rochelle University's Laboratory of Informatics Image Interaction (L3i- https://lnkd.in/e4R9fjaj, LR.UNIV - https://lnkd.in/e78m739e) is pleased to announce **two fully-funded three-year Ph.D. positions**, located in the picturesque city of La Rochelle on the West Coast of France (2h25 to 2h45 from Paris by high-speed train).

The available Ph.D. positions focus on the following topics:

- **Topic 1:** "DRL-based Adaptive Data Placement and Replication Management in the Continuum Edge-Fog-Cloud Infrastructure."
- **Topic 2:** "Joint, adaptive (DRL-based approach) and energy-efficient micro-services and data caches placement in 6G-based vehicular-to-everything networked systems (6G-V2X)."

The first Ph.D. topic will be conducted at La Rochelle University in collaboration with SouthEast Technological University, Waterford, Ireland (SETU-https://www.setu.ie/). A cotutelle agreement is being explored between both universities, enabling the student to obtain a Ph.D. degree from both institutions.

The second Ph.D. topic will be conducted at La Rochelle University in collaboration with University of Ottawa, Ottawa, Canada (https://www.uottawa.ca/). The two universities are working on a cotutelle agreement, allowing the student to earn a Ph.D. degree from both institutions.

Successful applicants are expected to commence their research at the Lab. in October   2024.

Interested candidates should submit their **CV** and **cover letters**, along with a list of **two references** and **transcripts**, to **Prof. Yacine GHAMRI-DOUDANE** (yacine.ghamri@univ-lr.fr) and **Dr. Mohammed Islam NAAS** (mohammed.naas@univ-lr.fr), with **[Ph.D. Application]** as the email subject prefix (failure to include this prefix may result in the loss of your application). Applications will be accepted **until April 15, 2024**.

Desired Skills:

- Highly valued and welcomed expertise in distributed systems, algorithms, software engineering, parallel computing, cloud/edge computing, networks.
- A solid understanding of Machine Learning theory and techniques.
- Proficient programming skills in various languages and software tools, such as Python, Java, C/C++, etc.
- Effective communication skills.
- Proficiency in both written and spoken English.

Kind regards,

- Yacine GHAMRI-DOUDANE (Full Professor at La Rochelle University, France)
- Mohammed Islam NAAS (Associate Professor at La Rochelle University, France)