

# Université Claude Bernard Lyon 1- Hosting offer for a MSCA Post-doctoral fellowship candidate in graphs and complex networks

<b>Host Organisation</b>	<b>Université Claude Bernard Lyon 1</b>
<b>Department</b>	
<b>Laboratory</b>	<b>Laboratoire d'Informatique en Image et Systèmes d'Information (LIRIS)</b>
<b>Website (lab / research team)</b>	<b><a href="https://liris.cnrs.fr/">https://liris.cnrs.fr/</a></b>
<b>Supervisor Contact name</b>	<b>Hamida SEBA</b>
<b>Supervisor Contact email</b>	<b><a href="mailto:Hamida.seba@univ-lyon1.fr">Hamida.seba@univ-lyon1.fr</a></b>

## Host Organisation

The Université Claude Bernard Lyon 1 welcomes Marie Skłodowska Curie Postdoctoral Fellowships applications !

With 62 laboratories and more than 7000 publications per year, and leading French university in terms of the number of patents filed in collaboration with industry, Lyon 1 contributes to scientific and innovation progress in numerous fields: health, mathematics, IT, physics, chemistry, earth and space sciences, life sciences, etc. Creator of emerging knowledge and new technologies, the University is consolidating its research excellence on a global and international level by developing inter- and multidisciplinary approaches targeting the major challenges facing today society.

## Host research lab/team

**The LIRIS laboratory is a leading research lab in Europe in Computer science. LIRIS research addresses a broad spectrum of computer science such as Data, System and Security, Computer Graphics and Geometry, Images, Vision and Learning, Interactions and Cognition, Algorithms and Combinatorics and Simulation and Life Sciences .**

**The Graph Algorithms and Applications (GOAL) research team focuses on graphs, covering their fundamental, algorithmic, and applied aspects. The team aims to strengthen the theme of designing and developing graph algorithms (online, parallel, distributed, parameterized, etc.) for solving optimization problems, as well as their possible applications in various fields such as big data and social networks. These**

algorithms may be combined with modern machine learning techniques to provide efficient solutions.

### **Hosting Offer**

The **LIRIS lab** offers to host a MSCA Postdoctoral Fellowship candidate (typically a post-doc of less than 8 years research experience since PhD defence), submitting an application to the next MSCA-2026-PF call for proposals (deadline 09<sup>th</sup> of September 2026), interested to work on the following research topic:

### **Learning on graphs and complex networks**

The fellowship could last for 12 to 36 months, depending on the type of Postdoctoral Fellowship.

### **Supervision**

The successful Marie-Curie Post-doctoral fellow will be supervised by Hamida SEBA

**Hamida SEBA is full professor at University Lyon 1 and co-leader of the GOAL research team. His/her research interests include Graph algorithms, Graph learning and mining with applications to pattern recognition and cybersecurity. Large graph simplification for scalable applications.**

### **Application process**

Interested candidates are invited to contact us exclusively by email at **hamida.seba@univ-lyon1.fr**

Make sure that you include the reference to this offer in the title of your email. Please attach a CV, a motivation letter, your MSc marks, **as well as a 1 page research proposal.**

### **Professional grant application support:**

Candidates will receive the support of the supervisors, as well as online training from a professional grant application company, and advices from successful applicants, to prepare and submit their application with the LIRIS as a host laboratory, to the next MSCA-PF call for proposals.