

## Faculty position for Assistant/Associate Professor 2017

Corps : Section n° 1 : Section n° 2 : Profil synthétique:	Assistant/Associate Professor - tenure (Maître de Conférences)  30 28 <b>Ultrafast optical investigations of the physics of nanosystems</b>
Composante, service ou département	FST
Unité de recherche:	UMR5306, Institut Lumière Matière (iLM)

**Employer:** Université Claude Bernard Lyon 1

**Location:** Lyon Tech-La Doua campus , Institute of Light and Matter (iLM), 69622 Villeurbanne, France

**Salary:** Salary will be commensurate with experience

**Starting:** September 2017, pending budgetary approval

**Position Type:** Full time, tenure (no nationality requirements)

**Job Type:** Faculty, Assistant/Associate Professor in Physics (PhD required)

### TEACHING :

Applicants should have a desire to teach both undergraduate and graduate students, from introductory level physical science courses to intermediate/upper level courses focused on the application of research in their specialty. He/She will be expected to contribute to the Physics Department initiatives of University Claude Bernard Lyon 1 (UCBL), such as the strengthening of its international policy (e.g. double diploma with partner universities, as Wuhan University-Chine, and Politecnico di Milano-Italy), a tutoring program for students, the entrepreneurship and innovation programs of the Faculty, and the strong interaction with Lyon academic partners in science and technology.

The ability to create successful learning environments for a diverse student body, from Bachelor to Master degrees in Physics, Physics & Chemistry, Sciences de la Matière (with Ecole normale supérieure - ENS de Lyon), Atmosphere & Climate sciences (with Ecole Centrale Lyon-ECL) and Nanosciences & Nanotechnology (with ECL and INSA), will be an important characteristic of the successful candidate.

*Inquiries for teaching may be directed to:*

Prof. Jean-Claude Plenet, Physics department director, [jean-claude.plenet@univ-lyon1.fr](mailto:jean-claude.plenet@univ-lyon1.fr) , +33 4 72 43 11 96

### RESEARCH :

The Light – Matter Institute (iLM) of University Lyon 1 and Scientific Research National Centre (CNRS) invites applicants for a permanent position at the Assistant/Associate Professor level (tenure) in the field of physics and optics of nanosystems, to begin September 2017, pending budgetary approval.

The search is defined broadly to attract outstanding candidates. Examples of specific research areas include topics such as ultrafast energy and charge transfer in nanosystems, and investigation of fundamental (optical, electronics, vibrational and thermal) properties of nanostructures (e.g. metal and hybrid nano-objects, 1D or 2D systems, ...). The research will be performed in the FemtoNanoOptics group, leader in the ultrafast optical spectroscopy of metal nanoparticles and pioneer in the investigations of *individual* nano-objects through cutting-edge microscopy techniques, a research area in large expansion at the international level.

We seek applicants with an excellent background in fundamental physics and committed to establish a vigorous program of experimental research. Previous experience in nanosciences, optics and/or nonlinear spectroscopies will be appreciated. Applicants should contact the FemtoNanoOptics group with a curriculum vitae describing their education, research and teaching experience and interests, three copies of representative scientific papers, and the name and contact information of at least three referees.

*Inquiries for research may be directed to:*

Profs. Natalia Del Fatti and Fabrice Vallée, FemtoNanoOptics group, <http://ilm.univ-lyon1.fr/femtonanooptics>  
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