Research:  
The candidate will integrate the SILEX team of LIRIS. That team’s goal is to build theories, formalisms, methods and tools that take into account the inherently dynamic knowledge used in open environments, with the aim to design co-learning systems. Three themes are articulated to achieve this goal:  
− Knowledge dynamics and traced experience  
− Co-design of situated TELS (Technology Enhanced Learning Systems)  
− Interactive adaptive systems  
This work belongs to the broader context of knowledge engineering and come in an original way to manage the dynamic nature of knowledge. The candidate’s profile will fit that general framework, and his/her research project and skills will complement the original research directions of SILEX. He/she should also strengthen the team’s international network and project partnership. The scientific contributions of the SILEX team address essentially computer science, but also cognitive science and its projects mobilize other disciplines (human machine interactions, ergonomic psychology, education sciences, information sciences and communication). This interdisciplinary research specificity is important, especially with the involvement of SILEX in the new excellence laboratory IMU. An interdisciplinary experience of the applicant will therefore be appreciated. The responsibility of the SILEX team being brought to be renewed in the short term, an experience with leading a research team will be appreciated.

Contact research:  
Courriel : atilla.baskurt@liris.cnrs.fr  
Nathalie Guin (Responsable de l’équipe SILEX)  
Courriel: nathalie.guin@liris.cnrs.fr  
Site Web de l’équipe : http://liris.cnrs.fr/silex/  

TEACHING:  
The person recruited will strengthen the teaching staff of the Computer Science Department. The skills needed include:  
− artificial intelligence,  
− teaching in HCl, especially the methods of design and evaluation of Human-Computer Interaction, with emphasis on the ergonomics of interfaces including the web,  
− educational software.  
Lessons should be delivered in French and a strong involvement in the life of the department will be requested.

Contact teaching:  
Samir Akkouche (head of the Computer Science Department, Lyon 1)  
Courriel: samir.akkouche@univ-lyon1.fr