2-years post-doc position on generalisation in reinforcement learning

Context
The VeriDREAM European project is a follow-up of the FET Proactive DREAM project (http://dream.isir.upmc.fr/). DREAM was focused on learning in robotics with the challenges it raises, notably in terms of sparse reward, representation learning and transfer learning. VeriDREAM is focused on industrial applications, from robotics to video games.

The position will be located in the Institute of Intelligent Systems and Robotics (ISIR, http://www.isir.upmc.fr), Paris, France. ISIR belongs to Sorbonne Université which is among the top ranked French universities. ISIR is located in the center of Paris, thus at walking distance from the Seine river, from other academic institutions (Ecole Normale Supérieure, La Sorbonne, Collège de France, Muséum d'Histoire Naturelle, Université Paris Descartes, Hôpital la Pitié Salpêtrière), and from famous monuments (Notre Dame, Le Panthéon, le Théâtre du Châtelet, Institut du Monde Arabe).

Speaking or understanding French is not required.

Position description
We are looking for highly motivated candidates with a strong academic record. An excellent background is expected in evolutionary computation and machine learning as well as a significant experience in either robotics or video games. Excellent programming skills in Python are expected, and good programming skills in modern C++ is appreciated.

To apply
Applicants should send a CV, letter of motivation (max 2 pages), and a list of three references via e-mail to stephane.doncieux@sorbonne-universite.fr. Please put [VeriDREAM post-doc application] in the subject of the mail. Review of applicants will begin immediately, and will continue until the position is filled for a start around October 2020.