

BCAM Internship Position Announcement

The following BCAM Internship position is open at BCAM – Basque Center for Applied Mathematics, an interdisciplinary research center located in Bilbao, Basque Country – Spain. The interested applicants can apply via the following webpage: <http://www.bcamath.org/en/research/internships>. It is strongly recommended to apply at least 3 months before the expected starting date.

INTERNSHIP DATA	
Research topic title:	Bayesian inference for cooperative localization of autonomous vehicles
Research topic description:	Localization systems can obtain high-accuracy positioning by using cooperation among different nodes. This project will develop inference techniques based on Bayesian updates that result in distributed algorithms for cooperative localization. Such techniques can enable to accurately localize networks of collaborative nodes such as those formed by autonomous vehicles
Keywords:	Statistics, linear algebra, optimization
Required knowledge and skills:	Statistics, matlab or python
Required language skills¹:	Spanish or English
Duration and dates:	3 months; flexible dates depending student availability
Covered expenses:	To be negotiated
Application deadline:	1st of February 2020

SUPERVISOR DATA	
Supervisor:	Santiago Mazuelas
Research line:	Machine Learning
Email:	smazuelas@bcamath.org

¹ Note that English is the official language at BCAM.

