



LERU STudent REseArch Mobility Programme
(STREAM)
Project proposal



Host University:
Università degli studi di Milano

Field:
Physics

Specified field, subject:
Quantum physics

Research project title:
Quantum estimation for quantum technology

Possible starting month(s):

Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
				x	x	x	x	x	x	x	

Possible duration in months:

1	2	3	4	5	6
	x	x	x	x	x

Suitable for students in:
2st cycle (master students)

Prerequisites:
Quantum mechanics, Linear algebra, Electromagnetism

Restrictions: none

Description:
Understanding and assessing the ultimate quantum limits to precision in the estimation of parameter of interest in quantum information processing and technology. **Blended mobility (i.e. a combination of physical and virtual mobility) is an option to be agreed with the Tutor.**

Faculty or Department: Department of Physics

Contact person: International relations office, University of Milan

Contact email: stream@unimi.it

