

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



Faculty or Department: Department of Physics - Università degli Studi di Milano



Contact person: International relations office, University of Milan

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