

**LERU STudent REseArch Mobility Programme (STREAM)  
Project proposal**



**Host University:**  
Università degli studi di Milano



**Field:**  
Health and welfare

**Specified field, subject:**  
Learning Disorders (LD)

**Research project title:**  
Extended Cognition



Possible starting month(s):

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



Possible duration in months:

1	2	3	4	5	6
					x



**Suitable for students in:** 2<sup>st</sup> cycle (master students)

**Prerequisites:** cognitive science background; research skills

**Restrictions:** none



**Description:**

Our research program is mainly focused on Learning Disorders (LD) and to new cognitive approaches specifically aimed at developing empowerment technologies to be used in learning disabilities as well as in any educational contexts.

The adoption of a multidisciplinary method based on Psychology, Artificial Intelligence, Linguistics, and Cognitive Science allows developing and testing Cognitive-driven Methods and Technologies to be used for educational purposes. In particular, new teaching methods and tools allows tailored learning processes , to fit each learner's attitude, empowering his/her learning skills and providing a wealth of valuable resources.

Research based on the above mentioned premises might help increase cognitive abilities and learning skills, as well as creative and communicative skills. Keywords: applied cognitive psychology; cognitive science; learning processes; learning disorders.



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