

Track B

STEM4youth EU project or when research is done with schools

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We have just started a new EU project: STEM4you(th). This is a SEAC project focussed on the *Promotion of STEM education by key scientific challenges and their impact on our life and career perspectives*. OpenSystems, our grup at UB, will contribute in this project by developing with very concrete schools specific research projects using participatory and citizen science practices in relation to human decision making and human mobility. We will work very closely with at least 2 schools to formulate the right scientific questions and see how far we can go together in a research project within the field of complex systems and computational social science. This effort can be considered as a continuation and as one step forward with respect to a pilot project within our recent RecerCaixa project of 20 hours of duration, in three different Secondary schools and restricted to human mobility. We will share the strategies of this new project and the outcomes of early stages of this approach which with Complex Systems, Big Data and Social Systems.