Open lecture by Roberto Araya

Centro de Investigación Avanzada en Educación, (CIAE)
Universidad de Chile, Santiago

Massive On-line Games in Mathematics and Science

May 16, 10.00–12.00

DSV – Department of Computer- and Systems Sciences, SU
Kista, Forum-huset, room 6405A+B

Roberto Araya works at the Centro de Investigación Avanzada en Educación, Universidad de Chile (CIAE). He has initiated massive on-line games in mathematics (Torneos Nacionales de Juegos Masivos Online de Ciencias), which involves schools in almost all Latin-American countries.

In his presentation, Araya will show the experience at CIAE in developing massively multiplayer games and tournaments to help students from 3rd grade to 10th grade to learn mathematical modeling skills and core STEM concepts and practices. He will describe and analyze the logs on a tournament where thousands of students play synchronously from different Latin-American countries, trying to detect patterns. He will also describe another massively multiplayer game and tournament that we are developing to teach Natural Selection, and show some initial results.


Welcome!

Staffan Selander       Eva Norén       Kristina Danielsson