

Time and Place:

29. October 2007 at 14:15 – 16:00

J1 064 (Please note changed location!)

Presenter: Evgenia Sendova

She is Research Science Institute Coordinator, Center for Excellence in Education in Sofia, Bulgaria. Sendova is a mathematician and internationally recognised for her work on ICT in mathematics education. Sendova was a member of ICMI Study 17 - *Digital technologies and mathematics teaching and learning: Rethinking the terrain.*

Title:

Conversations with 12-13 year old students about infinity and convergence.

Abstract:

The lecture is based on experience from the European WebLabs project. WebLabs investigated creating new ways of representing and expressing mathematical and scientific knowledge in European communities of young learners (10-14 years). The focus was on collaborative construction, description and interpretations of how things work. The aim was to transform the web into a medium in which European students collaboratively construct and critique each others' evolving knowledge and working models. In the lecture Sendova will speak in particular about conversations with 12-13 year old students about infinity, convergence, etc. and how they invented an iconic language to describe the robot-programs which they have constructed.