The Open Discovery Space workshop on “Communities Analytics through the Open Socially Empowered e-Learning Portal”

**Date:** Tuesday, 9th of April - 13:15-14:30  
**Location:** Leuven, Belgium

### Purpose:

The aim of this workshop is to explore opportunities to contribute new empirical findings, theories, methods, and metrics for understanding how communities’ analytics work on the Open Socially Empowered e-Learning Portal of ODS (http://www.opendiscoveryspace.eu/) through the use of multimodal data. The workshop will also highlight how analytics can contribute to improving pedagogical support and active involvement of users' through assessment of new digital tools, teaching strategies, and curricula, while supporting the goal to transform the ability to identify and stimulate effective learning, enable more rapid feedback, and facilitate learning in more diverse contexts.

Some topics of the use of communities analytics that will be discussed are how to:

- Attract new users
- Build relationships between members
- Detect the need for, and measure the results of, pedagogic improvements
- Identify users at risk so as to provide positive interventions designed to improve retention
- Improve the assessment approaches used
- Improve the communication between users
- Improve the learning process and learning chances.
- Keep current users engaged
- Know the types of members and what motivates them
- Observe group dynamics
- Provide recommendations to users in relation to reading material and learning activities
- Visualise recommendations for communities

### Audience:

The intended audience includes people interested in new technologies in different learning concepts and especially tools and processes for collecting, storing, exploring and reasoning on large scale data of learning communities (all school audiences: teachers, students and their parents, school leaders, curriculum developers, educational policy makers etc).

### Presenters:

- Dr. Sofoklis Sotiriou (Ellinogermaniki Agogi, R&D Department)
- Dr. Nikolas Athanasiadis (INTRASOFT International S.A.)
- Dr. Lampros Stergioulas (Brunel University)
- Prof. Christian M. Stracke (University of Duisburg-Essen, Campus Essen)
- Ass. Prof. Psycharis Sarantos (Department of Education School of Pedagogical & Technological Education)
- Mr. Argiris Tzikopoulos (Ellinogermaniki Agogi, R&D Department)