



Εθνικό και Καποδιστριακό
Πανεπιστήμιο Αθηνών
Τμήμα Μαθηματικών

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ΠΜΣ Διδακτική και Μεθοδολογία των Μαθηματικών

Διαλέξεις Σεμιναρίου

ΑΠΡΙΛΙΟΣ 2016

ΔΕΥΤΕΡΑ 18 ΑΠΡΙΛΙΟΥ 2016

ΤΙΤΛΟΣ ΟΜΙΛΙΑΣ:

«Integration of dynamic geometry in teachers' practices»

ΤΟΠΟΣ:

Αίθουσα Α22, Τμήμα Μαθηματικών ΕΚΠΑ

Ώρα έναρξης: 16.30

ΟΜΙΛΗΤΗΣ:

- **Jana Trgalová**, Associate professor, Claude Bernard University, Lyon, France

ΠΕΡΙΛΗΨΗ:

We will start by reporting about actual usages of dynamic geometry by mathematics teachers in Europe, which seem still limited although its potential for the teaching and learning mathematics has been evidenced in a number of research papers. We will then introduce the Puentedura's SAMR model (<https://sites.google.com/a/msad60.org/technology-is-learning/samr-model>) of technology integration and will discuss and exemplify various usages of dynamic geometry at the light of this model. In particular, we will compare “robust” and “soft” constructions and will discuss their relevance for learning geometry.