

*Zaproszenie na odczyt
w Instytucie Matematyki UP*

Prof. Dr. Silke Lekaas

(Bergen University College, Norwegia)

***Proof and argumentation in an 8th grade
mathematics classroom***

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Abstract:

Traditionally Norwegian mathematics education in lower secondary school focuses mainly on computational exercises rather than mathematical argumentation and proof. However, work with proof and argumentation is consistent with the contents of the new Norwegian curriculum of 2006, which aims at introducing more explorative and creative activities in mathematics education. In this ongoing project (joint with Gjert-Anders Askevold) we videofilm pupils in an 8th grade classroom while they are working with geometric problems that require mathematical argumentation and try to analyze their working process.