



Contribution ID: 5

Type: **Oral presentations**

Effect of the group size on student learning using an active learning methodology in a science class

Tuesday 27 August 2024 16:30 (20 minutes)

Peer-project learning is an active methodology applied to one university in Ecuador, and it has improved students' learning process in Physics. The main goal of this research is to provide a first analysis of the effect of the team members' number, working on a real-life project, on the understanding of electromagnetism. An introductory electromagnetism course for engineering students was taken. The grades of an electromagnetism test were taken to quantify the students' understanding. As a result, the number of team members doesn't influence the acquired knowledge if every member works on the project with a medium effect size.

How would you like to present your contribution?

Hybrid from my own country (later in the conference day, best for Americas)

Target education level

University

Category

Formal Education

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Session Classification: Oral presentations

Track Classification: Evaluation and Assessment of Student Learning and Development