

# The flipped classroom: a fresh look at teaching science

by Prof. Stefaan Cottenier (University of Gent, Belgium)

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at AG-66

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**Description** There has been a time when Lectures, Exercises and Lab sessions were the Trinity for science education. This model is so deeply rooted that many of us cannot imagine any other approach. There is objective proof, however, that the learning gain of students in the traditional teaching model is far from optimal. Flipped-classroom teaching is a way to increase the learning gain significantly. It does not require more time from students and teachers, but it requires them to invest their time and efforts in a different way.

In this seminar I will explain the method, and report on the results we achieved while using it (including an ongoing course at TIFR where the flipped-classroom approach is being used).

**Organised by** Dr. Satyanarayana Bheesette