

# LECTURES-NO-MORE: AN AID TO STUDENTS IN TRANSITION?

Theo Hughes

Presenting Author: Theo Hughes ([theo.hughes@monash.edu](mailto:theo.hughes@monash.edu))  
School of Physics, Monash University, Clayton VIC 3800, Australia

**KEYWORDS:** PACE, Studio Physics, large cohort, student-centred, collaborative learning, lectures, transition

## ABSTRACT THE ISSUE

A student's transition to university life is hampered by the quantum leap from small classes with individual help on-hand, to large impersonal lecture halls with minimal peer-peer or peer-instructor interaction. The School of Physics, at Monash University, is investing in purpose built facilities to enable a student-centred, collaborative learning approach to teaching large cohorts; with students being taught in "Studios" that resemble school classrooms.

## THE APPROACH

Our approach is modelled on SCALE-UP; this brings a version of 'Studio Physics' to larger cohorts (over 100 students). It has been adopted by universities across the US and worldwide, and in disciplines other than Physics; most notably, for Physics, the TEAL project at MIT.

Proceedings of the Australian Conference on Science and Mathematics Education, Australian National University, Sept 19<sup>th</sup> to Sept 21<sup>st</sup>, 2013, page 78, ISBN Number 978-0-9871834-2-2.