



Institute for Teaching and Learning Innovation

Public Lecture Series: Eric Mazur

Monday 1 June 2015

World renowned keynote speaker Dr. Eric Mazur will be visiting Australia for a number of events, and will also be presenting at The University of Queensland. Eric is a leading speaker on both optics and education. His motivational lectures on interactive teaching, educational technology, and assessment have inspired people around the world to change their approach to teaching.



Flat Space, Deep Learning 2:00-3:00pm

This showcase will discuss the philosophy, pedagogy and assessment of a novel team-based, project-based approach to teaching physics. The approach breaks the mold by giving students ownership of their learning to deliver a learning experience that helps students develop important skills, including communication, estimation, problem solving, and team skills, in addition to a solid conceptual understanding of physics. This topic is applicable for a broad Teaching and Learning audience.

Afternoon Tea 3:00-3:30pm

An afternoon tea will be provided with tea, coffee and light refreshments.

Teaching Physics, Conservation Laws First 3:30-4:30pm

In this talk we will discuss the unique architecture of the *Principles and Practice of Physics*, a groundbreaking new calculus-based introductory physics textbook, and also the conservation-laws-first approach, and results obtained with this book. The book organizes introductory physics around the conservation principles and provides a unified contemporary view of introductory physics. This topic is most appropriate for Science teachers.

Venue

QBI Auditorium, Level 7, Queensland Brain Institute (Building 79), UQ St Lucia campus

Register

Flat Space, Deep Learning – <http://bit.ly/1E3dwVa>

Teaching Physics, Conservation Laws First – <http://bit.ly/1QhigOu>

Contact

ITaLI looks forward to your company for these important events. If you have any questions please contact ITaLI at itali@uq.edu.au or on +61 7 3365 2788.

