

Turning Technologies London User Conference

08:30 – 09:00	REGISTRATION AND CONTINENTAL BREAKFAST
09:00 – 10:30	<p>KEYNOTE</p> <p>Dr Eric Mazur</p> <p>Balkanski Professor of Physics and Applied Physics, Harvard University and Area Dean of Applied Physics, Author of Peer Instruction: A User’s Manual</p> <p><i>From Questions to Concepts</i></p> <p>Over the years, Dr. Mazur discovered that students in his introductory Physics course were passing exams without having understood the fundamental concepts he was trying to teach. In response to this problem, Dr. Mazur developed a variety of interactive techniques linked to each other in ways that helped his students learn basic concepts in a much more effective manner than before. He developed a strategy that incorporates “just-in-time” teaching with short lectures punctuated by conceptual questions posed to students – better known as Peer Instruction. The Peer Instruction method engages students through activities that require each learner to apply the concepts being presented. Students then explain those concepts to fellow learners, therefore involving the entire group. Questions are asked, discussed and then displayed using classroom response technology, providing continuous assessment and feedback – thus forcing students to learn from each other whilst in the classroom. Dr. Mazur’s ultimate goal is not for students to memorise material for tests, but to create lifelong understanding.</p>
10:30 - 10:45	BREAK
10:45 – 11:30	<p><i>Enhancing Student Engagement Through Electronic Voting Systems: Innovative Pedagogies and Creative Applications’</i></p> <p>Dr Christopher Wiley</p> <p>Senior Lecturer University of Surrey</p> <p>Drawing on examples from my academic practice in arts and humanities higher education, I explore a range of possibilities for engaging students by using response technology in ways that go beyond the standard right-or-wrong multiple choice question. These include polls of class opinion, questions for which there is more than one equally valid answer, and more advanced features of the software such as Likert scales, multiple responses, game-based learning, demographic comparison, and moment to moment. I also consider the potential for using electronic voting systems in tandem with other learning technologies such as flipped teaching, lecture-capture, and online discussion forums.</p>

11:45 – 12:30	<p><i>Revealing misconceptions through live consultation and immediately addressing them through peer instruction</i></p> <p>Simon Lancaster Professor of Chemical Education University of East Anglia</p> <p>We will build on the peer instruction pedagogy introduced by Prof Mazur. How can we further collaborate with students to give them greater personalisation of their teaching and control over their learning? How can we be sure we have captured all the potential misconceptions? We will explore the affordances of new tools in Turning Point 7 to create reactive peer instruction.</p>
12:35 – 13:35	LUNCH
13:35 – 14:20	<p>SPEED ROUND</p> <p><i>Turning Point Cloud Upgrade – Change management, communications and technical support (KU Case Study)</i></p> <p>Dr Katya Aries Systems Analyst Team Leader - Education and Research Kingston University</p> <p><i>10 years of TurningPoint at Durham</i></p> <p>Julie Mulvey Learning Technologist University of Durham</p> <p><i>BYOD vs Clickers: Is there a need to provide physical clickers or should every student be expected to use their own mobile device?</i></p> <p>Chiandra Jayasekera St Mary's University, Twickenham</p> <p><i>Choices and Consequences: In-class scenarios using student responses</i></p> <p>Adam Warren Senior Learning Designer University of Southampton Institute for Learning Innovation and Development (ILLiAD)</p>
14:30 – 15:15	<p><i>Peer-Instruction Unveiled: Using Student Response Systems to develop Self-Assessment Skills and Generate Learning-Gains in a Flipped Class Environment</i></p> <p>Dr Fabio Aricò Senior Lecturer in Macroeconomics University of East Anglia</p> <p>This session will outline the principles of an award winning teaching methodology aimed at promoting self-assessment skills and student learning through the use of student response systems. The session will present evidence-based support, practical elements, and suggestions, to make technology-enhanced learning more effective and engaging for all.</p>
15:15 – 16:00	NETWORKING RECEPTION