

HOW TO ENHANCE TESTING & LEARNING: TECHNOLOGY-BASED ASSESSMENT IN THE 21ST CENTURY

Keynote

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Over the last two decades, educational assessments have undergone dramatic changes moving away from simple paper-pencil based assessments to integrated learning-assessment environments that might offer genuine learning experiences to students. This change in landscape has had strong implications for students, teachers, institutions, and educational systems. On the basis of simulated assessment environments, news about student rankings, under- and overperforming countries, and novel ideas on how to improve educational systems are prominently featured in the media. While the scientific quality of these headlines varies considerably, there are interesting scientific, political, and practical developments and challenges currently taking place in the field of educational assessment, mostly the integration of technology into standard assessment procedures. In this keynote, I will identify vibrant areas of development in educational assessment, discuss opportunities and challenges arising from the digital revolution, and talk about implications for educational policy and educational practice.