The topics will be on Learning Analytics and Artificial Intelligence (AI) in the context of education. These include predicting classroom climate with audio-video analytics platform, making informed decisions using educational data in Team-based learning and enhancing the effectiveness of learning technologies using AI + Data Science.

Lunch will be provided. Please register and indicate. Click here to register. Registration for lunch closes on 18th September 2018, 12 noon. Talk registration will close on 23rd September 2018, 12 noon.

For any enquiries, please contact Dr Karen Khor at etkhor@ntu.edu.sg.
Title: Fostering 21st Century literacies through CSCL and formative LA environments: Pedagogical promises and dilemmas
Dr. Jennifer Pei-Ling Tan
Assistant Dean, Learning Analytics & Knowledge Mobilisation, Office of Education Research (OER), NIE

Abstract: Collaborative, creative and critical literacies are essential to young people’s productive participation in 21st century lifeworlds. Yet, research has shown that the classroom can often be an uncomfortable and problematic space for developing such skills and dispositions. One major challenge lies in how we can more effectively assess and scaffold the development of these ‘new(er) literacies’ in learners, at both individual and collective levels, and as they occur naturalistically in peer interactions during acts of learning. In this talk, I will showcase one techno-pedagogical innovation that exemplifies how the purposeful coupling of CSCL and formative LA affordances can serve to enhance collective creativity and critical literacies in secondary students within the disciplinary domain of English language learning. Alongside the explication of key design principles and empirical learning gains, I will also foreground the pedagogical dilemmas and challenges encountered throughout the iterative cycles of design, enactment, adoption and diffusion. In doing so, I hope to underscore both the educational promises and problems that arise as the ‘rubber’ of well-intentioned learning innovations ‘hits the road’ of entrenched socio-institutional beliefs and practices in mainstream schooling.

11:40 am - 12:00 pm: Panel Discussion

12:00 pm - 12:30 pm: Networking & Lunch Session