DESIGN AT LARGE

🕐 **NOVEMBER 22, 2013 / 3:00–4:00ᴘᴍ**
@ CALIT2 AUDITORIUM, ATKINSON HALL, UC SAN DIEGO

ABSTRACT: In person, communities of peers, shoulder-to-shoulder, can create powerful learning experiences. However, with online learning, are students really alone together — viewing the same materials with no peer contact? In this talk, Klemmer will share his adventures in facilitating peer interactions and peer and automated assessment in online education. He will discuss challenges and failures, and will offer techniques that attendees can adapt for their own teaching.

In 2012, his research group collaborated with Coursera to launch the first massive-scale class with self and peer assessment. Since then, more than 80 other massive online classes have featured peer assessment — from world music to nutrition to mathematical thinking. This led to experiments with small group video discussion, social networks, and global meet-ups — also deploying these systems in collaboration with teachers from diverse fields. More broadly, because online learning platforms embed pedagogy into software, they provide a powerful setting for using and building theory through experimentation. These online learning interventions illustrate how design at large — at scale, embedded in real-world activities, and occasionally subversive — can be a potent and relevant research strategy.

SPEAKER: Scott Klemmer, Associate Professor, Computer Science and Engineering, as well as Cognitive Science, University of California, San Diego

BIO: Scott Klemmer is an Associate Professor of Cognitive Science and Computer Science and Engineering at UC San Diego, and a Visiting Associate Professor of Computer Science at Stanford University. Before joining UC San Diego in 2013, he was an Associate Professor of Computer Science at Stanford University, where he co-directed the Human-Computer Interaction Group and held the Bredt Faculty Scholar development chair. Organizations around the world use his open-source design tools and curricula; several books and popular press articles have covered his research and teaching. He has been awarded the Katayanagi Emerging Leadership Prize, Sloan Fellowship, NSF CAREER award, and Microsoft Research New Faculty Fellowship. He has authored and co-authored more than 40 peer-reviewed articles; eight were awarded best paper or honorable mention at the premier HCI conferences (CHI/UIST/CSCW). He has a dual BA in Art-Semiotics and Computer Science from Brown University, and a PhD in Computer Science from UC Berkeley. You can follow him on Twitter@DesignAtLarge.

Professor Scott Klemmer

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