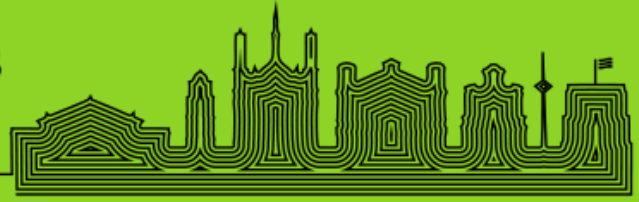




## Constructionism 2018

Constructionism, computational thinking  
and educational innovation

Vilnius, Lithuania, August 21 to 25



**Paulo Blikstein**

Stanford University  
USA

**Paulo Blikstein** is an assistant professor at Stanford University School of Education and (by courtesy) Computer Science Department, where he directs the Transformative Learning Technologies Lab ([tltl.stanford.edu](http://tltl.stanford.edu)). Blikstein's academic research focuses on how new technologies can deeply transform the learning of science, engineering, and mathematics. He creates and researches cutting-edge educational technologies, such as computer modeling, robotics, and digital fabrication, creating hands-on learning environments in which children learn science and mathematics by building sophisticated projects and devices. In 2010, Paulo created the FabLearn program, the first academic initiative to bring digital fabrication and maker education to schools, now present in more than ten countries. Paulo also co-founded and directs the Lemann Center for Entrepreneurship and Educational Innovation in Brazil, a 10-year initiative at Stanford University dedicated to the transformation of Brazilian public education. A recipient of the AERA Jan Hawkins Early Career Award and the National Science Foundation Early Career Award, Blikstein holds a PhD. from Northwestern University and an MSc. from the MIT Media Lab.