ICAT: OPEN (at the) SOURCE SENSING PLACE

Explore and experience the research and innovation happening within the Institute for Creativity, Arts, and Technology

Francis T. Eck Exhibition Corridor
Moss Arts Center
April 27–May 20, 2017
PLACING SENSORS, SENSING PLACES

Timothy Baird, Department of Geography, Virginia Tech
Pablo Tarazaga, Department of Mechanical Engineering, Virginia Tech
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How much do you move when you’re sitting still? When you’re chatting with a friend? When you’re talking with a stranger? How much do you move when you’re sitting in a classroom? When you’re speaking? When you’re listening? And when you’re really listening? How much do you move when you’re learning or being creative? And how does the space you’re in affect the space you’re in affect your movements? Lastly, how do these movements relate to your sense of engagement with a place?

The BUILD project (Boosting University Infrastructure for Learning + Discovery) is currently exploring these and other questions by integrating social science approaches with sophisticated sensing technologies, including accelerometers and motion capture cameras. While this project is in its early stages, future breakthroughs could transform how we promote human engagement, interact with different environments, and build supportive communities.

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