

# Building Technology Program Special Seminar

Monday, April 3, 2017 at 3:30PM in room 3-133

## Archiving Light: The interplay of Measurements, Simulations, and Design



### Mehlika Inanici

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This talk reflects on the incremental nature of recent research on lighting measurements, simulations, and their applications in architectural design. The presentation focuses on occupant-centric viewpoints, and recent projects on capturing light, relighting captured and simulated scenes, and analyzing the indoor and outdoor environments with a shifting attitude towards a more inclusive and holistic daylighting analysis.

*Mehlika Inanici is an Associate Professor of Architecture at the University of Washington. A large body of her research centers on developing and utilizing computational photography, simulation, and lighting analysis techniques that can facilitate occupant satisfaction, health, and productivity improvements, in conjunction with significant energy savings. Before joining UW in 2005, Mehlika worked at Lawrence Berkeley National Laboratory, where she received the Outstanding Performance Award. She is an architect and holds a Ph.D. degree from the University of Michigan.*

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