

# Spring 2017 SWIP-Analytic Events

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Speaker | Date | Topic

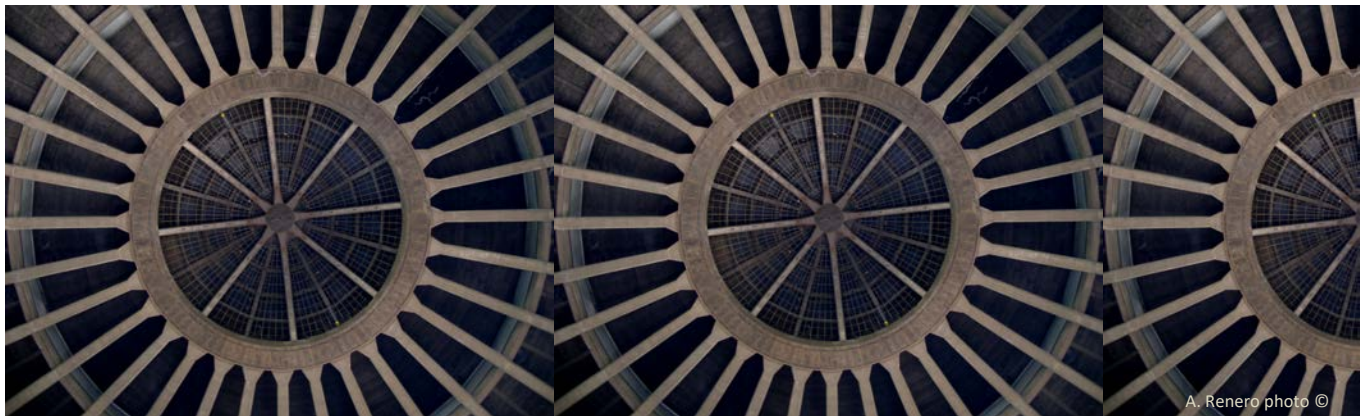
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## Alyssa Ney

University of California, Davies

Friday, May 5th, 10:00 - 12:00 hrs.

CUNY, The Graduate Center, The Committee for Interdisciplinary Science Studies, Room 5307.



## "Physics and Fundamentality"

What justifies the allocation of funding to research in physics when many would argue research in the life and social sciences may have more immediate impact in transforming our world for the better? Many of the justifications for such spending depend on the claim that physics enjoys a kind of special status vis-a-vis the other sciences, that physics or at least some branches of physics exhibit a form of fundamentality. The goal of this talk is to articulate a conception of fundamentality that can support such justifications. I argue that traditional conceptions of fundamentality in terms of dynamical or ontic completeness rest on mistaken assumptions about the nature and scope of physical explanations.

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