

TITLE: EC 2888r Workshop in Economics of Science and Engineering

TIME: Fridays from 12pm-1:30pm (unless otherwise noted)

LOCATION: Baker 103 | Bloomberg Center | Harvard Business School (unless otherwise noted)

Course Canvas Site: [Ec2888r](#) | Joint with the HBS [Tom Seminar](#) | Harvard Dept of Economics: [Department Seminar Calendar](#)

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SPRING 2018

Friday JAN 26:

SPEAKER: John Helveston (Institute for Sustainable Energy at Boston University)

SEMINAR TITLE: Vehicle Electrification in China: Preferences, Policy, and Technology Trajectories

Paper 1: Will subsidies drive electric vehicle adoption? Measuring consumer preferences in the U.S. and China [\[Link\]](#)

Paper 2: The Unlikely Institutional Origins of Experimentation in China's Plug-in Electric Vehicle Industry [\[Link\]](#)

Friday FEB 2: No seminar

Friday FEB 9:

SPEAKER: James Bessen (Technology & Policy Research Initiative, Boston University School of Law)

TITLE: "[AI and Jobs: The Role of Demand](#)"

Friday FEB 16: No seminar

Friday FEB 23:

SPEAKER: Haris Tabakovic (Harvard Business School and The Brattle Group)

TITLE: "[From Revolving Doors to Regulatory Capture? Evidence from Patent Examiners](#)" (paper joint with Thomas Wollmann, University of Chicago)

Friday MAR 2: cancelled due to severe weather

SPEAKER: William F. Maloney (World Bank, Chief Economist, Equitable Growth, Finance and Institutions)

TITLE: "[Engineering Growth: Innovative Capacity and Development in the Americas](#)" (paper joint with Felipe Valencia Caicedo)

Friday MAR 9: No Seminar

Friday MAR 16: No Seminar, Spring Break

Friday MAR 23:

SPEAKER: Nita Bhakuni (Director of Technology Transfer at Dartmouth College)

TITLE: "Engines of Innovation: How University Technology Transfer and Entrepreneurship Are Shaping the Future"

Friday MAR 30:

SPEAKER: Nessian Bermingham (Venture Partner, Atlas Venture)

TITLE: The Past, Present and Future of Human Genome Editing

Friday APRIL 6:

SPEAKER: Sultan Orazbayev (Visiting Fellow, Growth lab at the Center for International Development, Harvard Kennedy School)

TITLE: "Diversity and Collaboration in Economics"

Friday APRIL 13:

SPEAKER: Gokhan Aykac (RA, Gazi Univ Dept of Econ, and Postdoc Research Fellow, Labor & Worklife Program at Harvard Law School)

TITLE: "The Value of an Overseas Research Trip"

Friday APRIL 20:

SPEAKER: Andrew W. Lo (MIT Sloan School)

SEMINAR TITLE: "Can Financial Engineering Cure Cancer?: New Approaches to Funding Biomedical Innovation"

[BACKGROUND PAPERS:](#)

BACKGROUND PAPER 1: "Just How Good an Investment Is the Biopharmaceutical Sector" *Nature Biotechnology*

(Thakor, Anaya, Zhang, Vilanilma, Siah, Wong, and Lo)

BACKGROUND PAPER 2: "Use of Bayesian Decision Analysis to Minimize Harm in Patient-Centered Randomized Clinical Trials in Oncology"

JAMA Oncology (Montazerhodjat, Chaudhuri, Sargent, and Lo)

BACKGROUND PAPER 3: "Patient-centered Clinical Trials" *Drug Discovery Today* (Chaudhuri, Ho, Irony, Sheldon, and Lo)

BACKGROUND PAPER 4: "Machine-learning Models for Predicting Drug Approvals and Clinical-Phase Transitions" (Lo, Siah, and Wong)

BACKGROUND PAPER 5: "Estimation of Clinical Trial Success Rates and Related Parameters" (Wong, Siah, and Lo)

Friday APRIL 27:

Helen Riley (Moonshot Mission Controller at X (formerly Google [x]))

TITLE: "Moonshot thinking: X's approach to radical innovation"

END OF SPRING SEMESTER