

**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**  
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**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:** Nila 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)

**END OF SPRING SEMESTER**