

2016 Fall ECC Meeting

The Fall 2016 ECC Meeting is scheduled for October 20-21, 2016, in Ithaca, NY.

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Agenda

Fall 2016 ECC Agenda

Presentations and Meeting Materials	Details
"Earth Source Heat" Deep Geothermal Energy Update on State of the College Presentation	Lance Collins , <i>Joseph Silbert Dean of Engineering</i>
Education in the Age of Exponential Technology Presentation • Redesigning the Curriculum for a 21st Century Education, The CCR Foundational White Paper • Workforce Assessments Report - March 2016 • Video: What should students learn for the 21st Century? A Four-Dimensional Education • Four Dimensional Education: The Competencies Learners Need to Succeed by Charles Fadel, Maya Bialik, and Bernie Trilling	Charles Fadel, <i>Founder and Chairman of the Center for Curriculum Redesign</i>
Cornell Engineering: "Division of Engineering Practice"	Michael Thompson, <i>Associate Dean for Undergraduate Programs and Associate Professor, Materials Science and Engineering</i>
Massive Open Online Courses (MOOC) and Simulations: Creating a New Paradigm in Engineering Education by Combining Two Disruptive Technologies edX Engineering Simulations: Respondents' Narratives	Rajesh Bhaskaran, <i>Swanson Director of Engineering Simulation</i>
Brand Update	Dawn McWilliams, <i>Director for Marketing and Communications</i>
Student Project Teams Blogs • Cornell University Autonomous Underwater Vehicle (CUAUV) • Cornell Mars Rover (CMR) • AguaClara • Engineers without Borders (EWB) • Engineering World Health (EWH) • Cornell University Unmanned Air Systems CUAir • Student Project Teams	
PitchBook® Universities Report, 2016-2017 Edition	
Options for Achieving a Carbon Neutral Campus by 2035: Analysis of Solutions	Cornell University Senior Leaders Climate Action Working Group, September 2016

[College Update Videos](#)

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Fall 2016 Bios

[Spring 2016 ECC Minutes](#)

Attendance

ECC Members attending

Nadine Aubry (Cornell Ph.D. '87 ME) Northeastern University

Richard A. Aubrecht (Cornell B.S. '66 ME, M.S. '68, Ph.D. '70) Moog Inc. (honorary emeritus)

James Becker (Cornell B.S. '65 CE, M.S. '67) Skanska USA Building, Inc.

Najib S. Canaan (Cornell EE '86, M.Eng. Nuclear Eng. '87) Marinus Capital Advisors, LLC

Jay W. Carter (Cornell B.S. '71 ORE, M.Eng. '72) Lucent Technologies (Retired) (honorary emeritus)

Lance R. Collins, Dean of Engineering

Frank DeCosta (Cornell B.S. '85 EE, M.Eng. '86 EE) Finnegan, LLP

Michael Even (Cornell BS '82 ORIE) Numeric Investors LLC

Sarah T. Fischell (Cornell B.S. '78 EE, M.Eng. '79) Retired

Gregory J. Galvin (Cornell M.S. '82, MSE; Ph.D. '84 MSE; JGSM MBA '93) Rheonix, Inc. and Mezmeriz, Inc.

Virginia L. Giddings (Cornell B.S. '88 ME, M.ENG. '89 ME) Stryker Neurovascular Devices

Rana Glasgal (Cornell B.S. '87, M.Eng. '92 ORIE) Northeastern University

Kent E. Goklen (Cornell B.S. '79 ChE) GSK Biopharm R&D

Andrea Ippolito (Cornell B.S. '06 BE, M.Eng. '07 BME) Department of Veterans Affairs

Michele A. Kaliski (Cornell B.S. '85 ORIE) Public Servant

Aref H. Lahham (Cornell M.Eng. '86 CEE) Orion Capital Managers *

Jonathan M. Ludwig (Cornell B.S. '03 CS / ECE) Barclays Capital

Ivan L. Lustig (Cornell B.S. '80 ORE, M. Eng. '81 and M.B.A. '82) Dover Madison Capital Management

James M. McCormick (Cornell B.S. '69 ORE, M.Eng. '70) First Manhattan Consulting Group

James Ricotta (Cornell B.S. '81 EE) Sightpath Capital

Susie K. Riley (Cornell B.S. '87 ECE) Aquato

Robert W. Shaw Jr. (Cornell B.S. '63 EP, M.S. '64 EE) Areté Venture Management (honorary emeritus)

Daniel S. Simpkins (Cornell B.S. '80 EE, M.Eng. '81) Hillcrest Laboratories

Elissa Sterry (Cornell B.S. ORE '79, M.S. '80) ExxonMobil Chemical Company

Duane Stiller (Cornell B.S. '84 ORE) Woolbright Development, Inc.

John Swanson (Cornell '61, B.M.E. '62, M.M.E. '63) ANSYS (Retired)

Joseph Thanhauser, III (Cornell B.S. '71 EE) Byrnam Wood, LLC

Molly Tschang (Cornell B.S. '85 ChE) Abella Consulting

Andrew Verhalen (B.S. '78 EE, M.Eng. / M.B.A. '81) Matrix Partners

Lisa L. Walker (B.S. ChE '86) Leadership Capital Advisors *

Craig A. Wheeler (Cornell '82 MS, '84 ChemE) Momenta Pharmaceuticals, Inc.

Eric Young (Cornell B.S. '78 ME) Canaan Partners

**New ECC Members*