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Nota di contenuto	""Front Matter""; ""Preface""; ""Contents""; ""CLIMATE ENGINEERING""; ""Introduction--David S. Sholl and Armin Sorooshian""; ""Overview of Climate Engineering--Eli Kintisch""; ""Removing Carbon Dioxide from the Atmosphere: Possibilities and Challenges of Air Capture--Christopher W. Jones""; ""Offsetting Climate Change by Engineering Air Pollution to Brighten Clouds--Lynn M. Russell""; ""Climate Engineering with Stratospheric Aerosols and Associated Engineering Parameters--Ben Kravitz""; ""VEHICLE ELECTRIFICATION""; ""Introduction--Michael W. Degner and Sanjeev Naik"" ""Keeping Up with Increasing Demands for Electrochemical Energy Storage--Jeff Sakamoto"" ""Stronger, Lighter, and More Energy Efficient: Challenges of Magnetic Material Development for Vehicle Electrification--Matthew A. Willard""; ""Analysis of Projected Impact of Plug-in Electric Vehicles on the Distribution Grid--Arindam Maitra"";

""The Car and the Cloud: Automotive Architectures for 2020--Rahul Mangharam""; ""SERIOUS GAMES""; ""Introduction--Li-Te Cheng and Ben Sawyer""; ""Moving Innovative Game Technology from the Lab to the Living Room--Richard Marks""  
""Playing to Win: Serious Games for Business--Phaedra Boinodiris""  
ENGINEERING MATERIALS FOR THE BIOLOGICAL INTERFACE"";  
""Engineering Materials for the Biological Interface--Karen J. L. Burg and Ali Khademhosseini""; ""Engineering Tissue-to-Tissue Interfaces and the Formation of Complex Tissues--Helen H. Lu""; ""Identification and Modulation of Biophysical Signals That Control Stem Cell Function and Fate--David V. Schaffer""; ""Engineering 3D Tissue Systems to Better Mimic Human Biology--Matthew Gevaert""; ""APPENDIXES""; ""Contributors""; ""Program""; ""Participants""

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