### Schedule:

#### Friday, March 20

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Registration</td>
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<tr>
<td>11:30 am</td>
<td>Opening Remarks</td>
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<tr>
<td></td>
<td><em>John F. Holzrichter, PhD</em></td>
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<td></td>
<td>Hertz Fellow 1971 and President, Fannie and John Hertz Foundation</td>
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<tr>
<td>11:40 am</td>
<td>Arthur R. Kantrowitz Tribute (1913-2008)</td>
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<td><em>Hans Mark, PhD</em></td>
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<td></td>
<td>Hertz Director, Professor of Aerospace Engineering and Engineering Mechanics, University of Texas at Austin</td>
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<td></td>
<td><em>California Ballroom</em></td>
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<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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<td><em>California Ballroom</em></td>
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<tr>
<td>1:00 pm</td>
<td><strong>Speaker, Walter Scott, PhD</strong></td>
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<td>Founder and CTO of DigitalGlobe</td>
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<td></td>
<td>Talk: <em>Open Skies For All: Past, Present and Future of Commercial Remote Sensing</em></td>
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<td></td>
<td><em>Introduction by Ruth A. David, PhD</em></td>
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<td>Hertz Director, President and CEO, Analytic Services, Inc.</td>
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<td><em>California Ballroom</em></td>
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<tr>
<td>2:00 pm</td>
<td><strong>Speaker, Justin Fox</strong></td>
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<td>Economics Editor-at-Large, <em>Time Magazine</em></td>
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<td></td>
<td>Talk: <em>Is today’s Market rational, and was it ever?</em></td>
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<td><em>Introduction by M. Michael Ansour, PhD</em></td>
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<td>Hertz Fellow 1978 and Director; Managing Partner, March Partners LLC</td>
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<td><em>California Ballroom</em></td>
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<tr>
<td>3:00 pm</td>
<td><strong>Poster Session, Hertz Fellows’ PhD Research Discussion</strong></td>
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<td>4:30 pm</td>
<td><strong>Speaker, Jay Keasling, PhD</strong></td>
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<td>Professor of Chemical Engineering and Bioengineering, UC Berkeley, Director of the Physical Biosciences Division of Lawrence Berkeley National Laboratory</td>
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<td>Talk: <em>Synthetic Biology: From Bugs to Drugs and Fuels</em></td>
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<td><em>Introduction by David J. Galas, PhD</em></td>
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<td>Hertz Fellow 1972 and Chairman of the Board; Professor and Senior VP, Institute for Systems Biology</td>
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<td><em>California Ballroom</em></td>
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</table>
Friday, March 20 (cont.)

5:30 pm   Poster Session, Hertz Fellows’ PhD Research Discussion Reception

6:30 pm   Dinner
California Ballroom

7:30 pm   Speaker, Bill Gates
Bill and Melinda Gates Foundation, Co-chair and Trustee
Talk: A Conversation with Bill Gates
Introduction by Lowell Wood, PhD
Hertz Director

Saturday, March 21

7:00 am   Registration and Continental Breakfast
California Ballroom Registration Desk and California Ballroom

7:30 am   Speaker, Linda Garverick, PhD
Principal, Coactive Consultants
Talk: How Gender Differences in Leadership Style Affects the Workplace
Introduction by Wendy Cieslak, PhD
Hertz Fellow 1983, Director; Division Leader, Materials Science and Technology, Los Alamos National Laboratory
California Ballroom

9:00 am   Speaker, Wanda M. Austin, PhD
President and CEO, The Aerospace Corporation
Talk: Getting it right in an imperfect world
Introduction by Paul D. Nielsen MG (ret.)
Hertz Fellow 1981 and Director
California Ballroom

10:30 am  Panel of Hertz Fellow Thesis Prize Winners:
Lilian Childress, PhD; Hertz Fellow 2007; Assistant Professor, Bates College
Christopher Loose, PhD; Hertz Fellow 2007; CTO, Semprus BioSciences
Youssef Marzouk, PhD; Hertz Fellow 2002; MIT Boeing Assistant Prof. of Aeronautics & Astronautics
Alexander Wissner-Gross, PhD; Hertz Fellow 2008; Co-Founder and CTO, CO2Stats

Moderator: Wendy Cieslak, PhD
Hertz Fellow 1983, Director; Division Leader, Materials Science and Technology, Los Alamos National Laboratory
California Ballroom

12:00 pm  Lunch
California Ballroom
Saturday, March 21 (cont.)

1:00 pm  Speaker, Carl Wieman, PhD  
Hertz Fellow 1977; Nobel Laureate, Director of the Carl Wieman Science Initiative, University of British Columbia  
Talk: A scientific approach to science education  

Introduction by Richard B. Miles, PhD  
Hertz Fellow 1972 and Director; Professor of Engineering, Princeton University  
California Ballroom

3:30 pm  Speaker, Xiaowei Zhuang, PhD  
Howard Hughes Medical Institute Investigator; Harvard Professor of Chemistry, Chemical Biology, and Physics  
Talk: Imaging the nanoscopic world of living systems  

Introduction by Stephen D. Fantone, PhD  
Hertz Fellow 1978 and Director; President and CEO, Optikos Corporation  
California Ballroom

4:30 pm  Speaker, Thomas C. Reed, Former Secretary of the Air Force  
Talk: A political history of nuclear weapons, 1938-2008  

Introduction by Gilbert F. Decker  
Hertz Director, Strategic Planning and Technology Consultant  
California Ballroom

5:30 pm  Poster Session, Hertz Fellows’ PhD Research Discussion

6:00 pm  Reception

7:00 pm  Dinner  
California Ballroom

8:00 pm  Recognitions: Jay Davis, PhD  
Hertz Director; National Security Fellow; Former Director, Defense Threat Reduction Agency; Founding Director of the Center for Accelerator Mass Spectrometry at LLNL

8:30 pm  Speaker, Paul M. Horn, PhD  
New York University Distinguished Scientist in Residence & IBM Senior Vice President and Director of Research (ret.)  
Talk: The Changing Nature of Innovation  

Introduction by John F. Holzrichter, PhD  
Hertz Fellow 1971 and President, Fannie and John Hertz Foundation  
California Ballroom
Sunday, March 22

7:30 am  Continental Breakfast  
*California Ballroom*

8:30 am  **Panel of Entrepreneurs:**  
*Paul Graham;* Essayist, programmer, and programming language designer  
*Christine Hartmann-Siantar, PhD,* Global Security Communications Manager and Portfolio Manager for Laboratory Directed Research and Development (LDRD) and Strategic Mission Support (SMS)  
*Louis M. Lerman, PhD;* Hertz Fellow 1986  
*Walter Scott, PhD;* Founder and CTO of DigitalGlobe  
*Steve Vassallo,* Principal at Foundation Capital  

**Moderator: Amir H. Nashat, PhD**  
Hertz Fellow 1999, General Partner, Polaris Ventures  
*California Ballroom*

11:00 am  **Speaker, Col. Eric A. Boe**  
Hertz Fellow 2002; NASA Astronaut  
Pilot of the Space Shuttle Endeavor, November 14, 2008  

**Introduction by Gregory H. Canavan, PhD**  
Hertz Fellow 1969; Hertz Director; Senior Fellow & Scientific Advisor, LANL  
*California Ballroom*

11:30 am  **Closing Remarks, David J. Galas, PhD**  
Hertz Fellow 1972 and Chairman of the Board; Professor and Senior VP, Institute for Systems Biology  
*California Ballroom*