




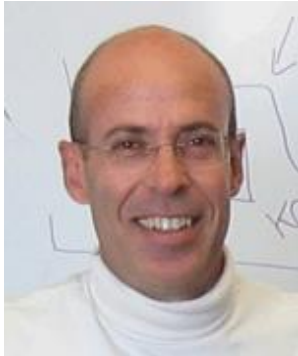


MATHEMATICAL AND PHYSICAL SCIENCES
ADVISORY COMMITTEE MEMBERSHIP LIST

Term Expires: 09/30/2015

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| <p>Dr. Phil Bucksbaum Department of Physics Stanford University phbuck@stanford.edu</p> <p>Selected Honors: American Academy of Arts and Sciences Member, National Academy of Sciences</p> <p>Biographical Information: https://physics.stanford.edu/people/faculty/phil-bucksbaum</p> |  |
| <p>Dr. Emily A. Carter Princeton University Department of Mechanical and Aerospace Engineering eac@princeton.edu</p> <p>Selected Honors: Fellow, American Chemical Society Honorary Mathematical and Physical Sciences Distinguished Lecturer, NSF (2012)</p> <p>Biographical Information: http://www.princeton.edu/mac/people/faculty/carter/homepage/people/</p> |  |
| <p>Dr. George W. Crabtree Argonne National Laboratory Materials Science Division</p> <p>Selected Honors: Recipient Kammerlingh Onnes Prize (2003) U.S. Department of Energy's Award for Outstanding Scientific Accomplishment in Solid State Physics (Four-time recipient)</p> <p>crabtree@anl.gov Biographical Information: http://www.msd.anl.gov/crabtree</p> |  |

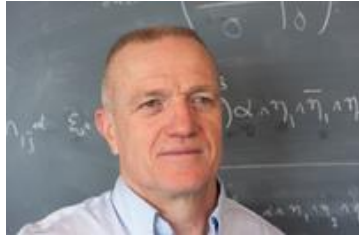

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| <p><i>(Chair)</i> Dr. Juan J. de Pablo Liew Family Professor of Molecular Theory and Simulation Institute for Molecular Engineering University of Chicago depablo@uchicago.edu</p> <p>Selected Honors: Fellow, American Academy of Arts and Sciences Fellow, American Physical Society</p> <p>Biographical Information: http://ime.uchicago.edu/de_pablo_lab/people/juan_de_pablo/</p> |  A head-and-shoulders portrait of Dr. Juan J. de Pablo, a middle-aged man with a shaved head and glasses, wearing a white turtleneck sweater. He is smiling and looking directly at the camera. The background is a light-colored wall with some faint diagrams or sketches. |
| <p>Dr. Juan C. Meza University of California, Merced</p> <p>Selected Honors: Fellow, American Association for the Advancement of Science</p> <p>jmeza8@umerced.edu</p> <p>Biographical Information: http://dsp.acm.org/view_lecturer.cfm?lecturer_id=2643</p> |  A head-and-shoulders portrait of Dr. Juan C. Meza, a middle-aged man with short, graying hair and a mustache, wearing a dark suit jacket, a light blue shirt, and a patterned tie. He is smiling and looking directly at the camera. The background is dark and out of focus. |
| <p>Dr. Catherine Pilachowski Astronomy Department Indiana University catyp@astro.indiana.edu</p> <p>Selected Honors: Fellow, American Association for the Advancement of Science</p> <p>Biographical Information: http://www.astro.indiana.edu/faculty/pilachowski.shtml</p> |  A head-and-shoulders portrait of Dr. Catherine Pilachowski, a woman with short, dark, curly hair, wearing a red vest over a white collared shirt. She is smiling and looking directly at the camera. The background shows trees with autumn foliage. |



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| <p>Dr. Emery N. Brown Massachusetts Institute of Technology Brown@neurostat.mgh.harvard.edu</p> <p>Selected Honors: NIH Director's Transformative Research Award Fellow, American Academy of Arts and Sciences</p> <p>Biographical Information: https://sleep.med.harvard.edu/people/faculty/150/Emery+N+Brown+MD+PhD</p> |  |
| <p>Dr. Robert Bryant Duke University bryant@math.duke.edu</p> <p>Selected Honors: Fellow, American Mathematical Society, 2013 Distinguished Alumni Award from the College of Physical and Mathematical Sciences, NCSU Alumni Association, 2005</p> <p>Biographical Information: http://fds.duke.edu/db/aas/math/faculty/bryant/</p> |  |
| <p>Dr. Bruce Elmegreen IBM Watson Research Center bge@us.ibm.com</p> <p>Selected Honors: Fellow, American Association for the Advancement of Science Dannie Heineman Prize of the American Institute of Physics and the American Astronomical Society, 2001</p> <p>Biographical Information: http://www.researchgate.net/profile/Bruce_Elmegreen</p> |  |

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| <p>Dr. Melanie Sanford University of Michigan mssanford@umich.edu</p> <p>Selected Honors ACS Sierra Nevada Section: Distinguished Chemist Aware, 2013 Raymond and Beverly Sackler Prize in Chemistry, 2013 Fellow, American Association for the Advancement of Science, 2011</p> <p>Biographical Information: http://www.umich.edu/~mssgroup/docs/Sanford_CV_F_2014.pdf</p> |  A portrait of Dr. Melanie Sanford, a woman with brown hair, wearing a white lab coat over a light blue shirt, standing in a laboratory setting with various pieces of equipment. |
| <p>Dr. William Zajc Columbia University waz1@columbia.edu</p> <p>Selected Honors Fellow, American Physical Society</p> <p>Additional Information: http://www.nevis.columbia.edu/~zajc/MakeZajcCV.pdf</p> |  A portrait of Dr. William Zajc, a man with short grey hair, wearing a dark brown suit jacket over a white shirt, standing in front of a bookshelf. |