

**Karsten Heeger** is a Professor of Physics and Director of the Wright Laboratory at Yale University. His research focuses on the study of neutrino oscillations and neutrino mass. His current work is on the search for neutrino less double beta decay and precision measurements of reactor antineutrinos. Professor Heeger received his undergraduate degree in physics from Oxford University and his Ph.D. from the University of Washington in Seattle where he worked on a model-independent measurement of the solar  $^8\text{B}$  neutrino flux in the Sudbury Neutrino Observatory (SNO). For his thesis work he was awarded the 2003 APS Dissertation Award. Before joining the faculty at Yale University he was on the faculty at the University of Wisconsin and a Chamberlain Fellow at Lawrence Berkeley National Laboratory. His work has been recognized with several awards including Outstanding Junior Investigator awards from DOE Nuclear Physics and High Energy Physics, an Alfred P. Sloan Research Fellowship (2009), and a Kavli Fellowship (2012). He is a Fellow of the American Physical Society (2014). He has served on national and international review committees and chaired the APS Committee on International Scientific Affairs (2012).