



北京大学物理化学论坛 第三十七讲

Peking University Physical Chemistry Forum Lecture 37

Optical pumping of nuclear spins in diamond and GaAs



报告人: Jeffrey A Reimer

University of California Berkeley

报告时间: 2019年10月14日 (星期一) 15:00

报告地点: 北京大学化学学院A204报告厅

主持人: 高毅勤教授

报告人简介:

Jeffrey A Reimer is recognized worldwide for his contributions to understanding materials chemistry through the creative application of sophisticated spectroscopic and physical measurements. Professor Reimer and his co-workers provided insight into the chemistry of materials systems aimed at environmental protection, human sustainability, and technological innovation. Professor Reimer is recognized for these works by election as a Fellow of the American Association for the Advancement of Science, a Fellow of the American Physical Society in the Division of Materials Physics, a Fellow of the International Society for Magnetic Resonance, and is a recipient of the Humboldt Research Award from Germany.

Professor Reimer was an Associate Dean of the Graduate School at Berkeley from 2000-2005, where he was responsible for UC Berkeley's academic reviews of its ~100 PhD granting departments. He was Chair of Berkeley's Department of Chemical and Biomolecular Engineering from 2006-2011, and then again from 2013 to present. He has served many times as the chair of the Academic Senate subcommittee on GSI affairs, working on policies and procedures for ensuring that doctoral students are prepared for the teaching profession.

Professor Reimer obtained his doctorate in chemical physics from the California Institute of Technology while working with physicists from Xerox PARC examining the chemistry and the physics of solar cell materials. Prior to his appointment at Berkeley, he conducted basic and applied research in semiconductor science and technology as a postdoctoral fellow at IBM Research in Yorktown Heights, New York.

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