

第三届南开大学-凯莱英讲座

The 3rd Nankai University-Asymchem Lecture

(Nankai University, Tianjin, October 18, 2016)

Speakers :

Professor Paul J. Chirik

Professor of Chemistry,
Princeton University, Princeton, NJ



Dr. Robert W. Scott

Senior Director of
Process Chemistry,
Gilead Science, Inc. CA, USA



TOPIC

Catalysis with Earth Abundant Metals

Professor Paul J. Chirik 1991-1995 studied at Virginia Tech Chemistry Department, graduated with highest grade and got a chemical Bachelor degree of science. In April 2000, completed studies in California Tech and became a Doctor of Philosophy, Chemistry. From 2000-2001, he was a postdoctoral research fellow at Massachusetts Institute of Technology university. 2001-2006, as an assistant professor of Chemistry and Chemical Biology in Cornell University. Through 2006-2011 in 5 years, Paul J. Chirik was promoted as a professor of Chemistry and Chemical Biology. 2011-present, he skipped into Princeton University.

Professor Paul J. Chirik is also a member of American Chemical Society as well as an adjunct professor of Beijing University of Chemical Technology. Besides he was the Associate Director for External Partnerships, Andlinger Center, 2015-2016 Organizer for NSF Workshop on Base Metal Catalysis in 2013, Editor-in-Chief of Organometallics magazine, The Vice Chair, Inorganic Reaction Mechanisms Gordon Conference, 2013, Associate Editor of Catalysis Science and Technology, 2010-2014, Faculty Fellow of Cornell University, 2005-2009, Discussion Leader for Freshman Book Project, Cornell University, 2003, and an Author, Comprehensive Organometallic Chemistry III.

Professor Paul J. Chirik has published more than 300 academic papers and was invited to attend more than 200 departmental seminars and international conferences.

TOPIC

Process Chemistry Development of Ledipasvir - NS5A Inhibitor in Harvoni® for Hepatitis C Treatment

Dr. Robert W. Scott currently works in Gilead Science, Inc. CA, USA as a senior Director of process chemistry.

In 1988, Dr. Scott studied in university of California, Davis as chemistry major student, and was conducted by Professor Neil Schore. 1990-1992, Dr. Scott was a Regent Scholar of UC and in 1991 he won the UC President's Undergraduate Fellowship. Four years later he graduated from university and got a BS degree with highest honors.

1992-1997, Dr. Scott studied in University of California, Berkeley for a Ph. D. degree of Organic Chemistry. He won the American Chemical Society, Division of Organic Chemistry Graduate Fellowship, 1995-1996, and National Science Foundation Predoctoral Fellowship, 1992-1995.

Since Dr. Scott graduated as a Ph. D., he has been working in Pfizer R&D doing chemical research and development. Besides, he is the leader among a process research and development team of 11 projects designed and executed scalable syntheses of pharmaceutically-active clinical candidates.

2006- 2008, Dr. Scott skipped from Pfizer to BioVerdant, Inc. as a director of chemistry. He designed and implemented new scalable process routes to pharmaceutical targets. Research focused on the design of chemistry routes that utilize strategic enzyme-mediated transformations to carry out key steps in a cost-effective and environmentally-friendly manner.

He brings out of a novel commercial-scale synthetic routes to clinical candidates for treatment of HIV and HCV, including marketed drugs Tenofovir Alafenamide Fumarate and Ledipasvir.

In 2015 Dr. Scott won the American Chemical Society 2015 "Heroes of Chemistry" award.

时间：2016年10月18日 15:00

Time: October 18th, 2016 15:00

地点：南开大学元素所合成楼学术报告厅

Location: The Academic Hall at the Institute of Elemento-Organic Chemistry Nankai University