



北京理工大学

Beijing Institute of Technology

## “21世纪学科前沿”系列学术报告

### Optical disc technology-enabled analytical devices: from hardware modification to digitized molecular detection

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#### 报告人简介:

Hua-Zhong “Hogan” Yu received his B.Sc. from Shandong University (Ji’nan) in 1991, and Ph.D. from Peking University (Beijing) in 1997. He then went to California Institute of Technology (Pasadena) working with A.H. Zewail (1999 Nobel Laureate in Chemistry) and F.C. Anson as a postdoctoral fellow. Dr. Yu joined Simon Fraser University as an Assistant Professor in 2001 after short stays at National Research Council Canada (Ottawa, 1999-2000) and Acadia University (Wolfville, NS, 2000-2001). At SFU, Dr. Yu was granted early promotions to Associate Professor in 2005, Full Professor in 2009, and jointly appointed with 4D Labs and the Department of Molecular Biology and Biochemistry since 2007. Dr. Yu’s research spans a broad range of topics in physical, analytical, and materials chemistry. Dr. Yu has published more than 120 research papers in refereed journals (mostly ACS and Wiley-VCH), filed four U.S./International patents, and given over 150 invited lectures worldwide. Dr. Yu has won several major awards, including the 2004 Fred Beamish Award of the Canadian Society of Chemistry (CSC), the W. Lash Miller Award of the Electrochemical Society (ECS) Canadian Section in 2011, the Tajima Prize of the International Society of Electrochemistry (ISE) in 2012, and recently the CSC W.A.E. McBryde Medal (2015).

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