



**Dr. Zhiyong Li**  
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Dr. Zhiyong Li is the Principle Investigator of multi-year, multi-million dollar project jointly funded by DARPA and HP on Surface Enhanced Raman Spectroscopy (SERS). Dr. Li leads a team of world-class researchers to develop nanosensors that will define the physical limit of the sensitivity and enable the implementation of smell and taste sensory for environmental, health, food, homeland security, and safety monitoring applications. His team is part of the big bet research at HP labs with the vision to deploy billions or even trillions of inexpensive, ultrasensitive sensor nodes around the earth, also known as Central Nervous System for the Earth (CeNSE). Dr. Li joined HP since 2001 and pioneered the nanosensor research at HP Labs. Dr. Li graduated with a PhD degree in Chemistry from University of Notre Dame, 2001, a MS degree in Inorganic Materials from Chinese Academy of Science, 1996, and a BS degree in Chemistry from University of Science and Technology of China, 1993. He has published more than 60 peer-reviewed journal articles, and has more than 40 US patents granted.