

Invited Speaker

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Luke P. Lee is Lloyd Distinguished Professor of Bioengineering at the University of California, Berkeley (UC Berkeley), USA. He is also Director of the Biomolecular Nanotechnology Center and Co-Director of the Berkeley Sensor and Actuator Center, USA. He was Chair Professor of Systems Nanobiology at the Swiss Federal Institute of Technology (ETH Zürich), Switzerland. He received both his B.A. and Ph.D. from UC Berkeley. His current research interests are bionanoscience, real-time spectroscopic imaging of living cells, molecular digital diagnostics, preventive medicine, and Biologically-Inspired Photonics, Optofluidics, Electronics Technology and Science (BioPOETS) for global healthcare systems. Lee has authored and co-authored over 220 papers on bionanophotonics, single cell analysis, molecular optogenetics, optofluidics, microfluidic cell biology, SERS, SQUIDs and nanogap biosensor for label-free biomolecule detection.