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**Creating Value with Long Term R&D: The life science industry**

DARLENE J. S. SOLOMAN, CTO and Vice President, Agilent Technologies

Agilent Laboratories looks to the future to identify, invest and enable technologies and applications that will nurture the worlds people, environment and economies, and help ensure Agilents continuing leadership. Following a brief introduction to Agilent Technologies and Agilent Laboratories, Solomon will discuss how innovation and long-term R&D are transcending traditional boundaries. Focusing on the life sciences industry, she will discuss current trends in R&D and the importance of measurement in advancing the industry. She will describe some of the challenges that are disrupting the pharmaceutical industry where significant and sustained investment in R&D has not translated into large numbers of block-buster therapeutics. Much of this gap results from the profound complexity of biological systems. New discoveries quickly generate new questions, which in turn drive more research and necessitate new business models. Solomon will highlight examples of Agilents long-range R&D in life sciences, emphasizing the importance of physics. Shell conclude with the importance of creating sustainable value with R&D.