

FLEX

7-8 November

Singapore

Southeast Asia 2019

Marina Bay Sands Convention Centre
Jasmine Ballroom | Level 3

Topics and Abstracts:

Speaker	Mr. Nardev Ramanathan
Company	Lux Research Inc
Designation	Lead Analyst
Title of Presentation	Applications and business opportunities for flexible hybrid electronics in healthcare
Abstract	<p>The ability of flexible hybrid electronics (FHE) to potentially adapt to different form factors is a highly attractive proposition for applications in the physical industries. In healthcare, FHE can be adapted to fit the human form, allowing the monitoring of vital signs and other biomarkers on a potentially continuous basis. Needless to say, the value proposition for disease prevention and management here is of tremendous significance. Nevertheless, FHE today still hasn't reached its full commercial potential due to high costs and scalability and technical hurdles, outweighing its potential value proposition. Be it in consumer, industrial, or healthcare sectors, the direct challenges and technologies vary slightly, but the overall challenge remains the same – how to fully leverage the value proposition of FHE. In this presentation, we will examine:</p> <ul style="list-style-type: none">• The critical challenges facing healthcare and the role of FHE• Identifying the key technologies and use cases for FHE within healthcare and how to unlock the opportunities behind them

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Biography



Nardev Ramanathan is the Global Lead Analyst for the Digital Health and Wellness Program at Lux Research. Prior to joining Lux, Nardev was Assistant Head of the Industrial Development Group at the Agency for Science, Technology and Research (A*STAR), Singapore where he was the Precision Medicine and Digital Health lead. In that role, he helped develop an industry consortium to support the local biotech ecosystem for Precision Medicine related initiatives in Singapore. Nardev received his PhD in Clinical Biochemistry from the University of Cambridge under the A*STAR Overseas PhD scholarship and MSc in Management of Health Industries from ESSEC Business School where he was also an ESSEC Excellence Scholarship awardee.