

SESSION 1: PLENARY I – INDUSTRY VIEW FROM THE TOP: CEO REVIEW

Chair: Karen Renaldo, *Northrop Grumman (ES)*

It is a wonderful opportunity for us to host this year's conference in Boston, Massachusetts; home and close neighbor for many of our semiconductor attendees and exhibitors. This year, we are honored with invited CEOs from three prominent northeast semiconductor companies. The conference starts with President and CEO of Skyworks Solutions, Inc., Mr. David Aldrich, who shares his views on enabling mobile connectivity through semiconductor innovation. His presentation looks at advances in RF amplifiers, modules, and subsystem technology. Additionally, he adds Skyworks' insight into design manufacturing advances; which are fueling new opportunities and propelling innovation beyond the handset. Advancing these semiconductor initiatives requires epitaxial material to move toward more challenging and demanding standards. Two high-level perspectives on the challenges involved in meeting these demands are provided by invited Presidents and CEOs, Dr. John C. Fan from Kopin Corporation and Dr. Drew Nelson for IQE plc. They discuss how their companies are addressing the challenges and opportunities facing the III-V epitaxial world. The talks provide a better appreciation for the critical role that epitaxy foundries perform and the ever-increasing demands on them to produce higher quality wafers at ever-reducing cost.