GLOBALFOUNDRIES Fab8 NY Startup and Technology Development

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Abstract
This talk will give an update on progress made at GLOBALFOUNDRIES new site in Malta, NY. It will outline the progress made on the construction side as well as tool qualification and process installation. The presentation will also review the technology development activities planned for Malta, NY as well as cooperation with other centers in the state.

Bio
Stephen Keeney received his Bachelors Degree in Electronic Engineering from University College Dublin, Ireland in 1988 and his Ph.D in Microelectronics from University College Cork, Ireland in 1992. In 1993 he joined Intel’s R&D center in Santa Clara CA as a Device Engineer working on flash memory development with an initial focus on MLC (Multi-Level-Cell) which later became an industry standard for doubling the memory density in a product. During his time in Santa Clara Stephen worked in device design, product design, product engineering, process integration and later Program and Functional Management responsible for delivering 130nm and 90nm flash memory and low power logic technologies into the market place. In 2005 Stephen transferred to Intel Ireland and became the Director for Quality and Reliability for Intel’s flash memory business and was responsible for a global organization overseeing three wafer fabs and two assembly/test sites. In 2008 Stephen left Intel and became COO for Sensl Technologies which is a fabless semiconductor startup company developing products for the low light detection market and subsequently became COO in 2010 for Ferfics Ltd which is a fabless design company focused on silicon RF switches for mobile phones. In May 2011 Stephen joined GLOBALFOUNDRIES in Malta, NY as the Director of Integration and Device in the technology development organization.