

Ranju D. Venables is a Principal Engineer in the Silicon Photonics Product Division (SPPD) in the Data Platforms Group (DPG) at Intel Corporation. She joined Intel's Optical Platform Division working on the development and reliability of Indium Phosphide and Gallium Arsenide based lasers and detectors. Ranju started her career at Lucent Technologies, Bell Laboratories working on epitaxial growth and characterization of Indium Phosphide and Gallium Arsenide detectors and edge emitting lasers. Subsequently she joined Nortel Networks working on III-V epitaxial growth and characterization for vertical cavity surface emitting lasers for micro-electro-mechanical system based external cavity tunable lasers. Today, Ranju drives III-V based epitaxy technology development and strategy for Intel's hybrid silicon laser – thereby delivering the photons powering Intel's Silicon Photonics products.

Ranju earned her bachelor's and master's degrees in physics from the Jadavpur University, Kolkata, India and PhD degree in materials science and engineering from University of Florida, Gainesville.