Dr. B.J. Stanbery began his career in photovoltaics at The Boeing Company in 1978, where he worked in silicon, gallium arsenide, and CIGS PV, as well as photonics. Dr. Stanbery received B.S. degrees in both Mathematics and Physics from the University of Texas, his M.S Physics from the University of Washington with thesis work in organic PV, and a Ph.D. in Chemical Engineering from the University of Florida with experimental dissertation work on plasma-assisted growth of copper indium selenide (CIS) and development of a statistical mechanical computational materials model of the CIS crystal phases used for PV devices. Dr. Stanbery founded HelioVolt Corporation in 2001 and remains its Chairman and Chief Science Officer.

Commercialization Forum: Entrepreneurship on the Road from Science to Sales

As a technologist growing a new business you must have or develop new skills to keep apace of the businesses evolving needs, and must practice unflinching self-assessment to build an effective team and maintain a constructive role in its success.

Technical Seminar: High-Rate Processing and Advanced Emitter Structures for CIGS PV Module Manufacturing

The role of self-assembled nanostructures in HelioVolt's state-of-the-art manufacturing technology for PV devices has only been recently revealed publicly, and will be described in detail along with a plethora of unanswered scientific questions they pose.