With all these challenges to improve the fundamental knowledge behind $Cu(InGa)Se_2$ materials and devices and to develop new manufacturing technology and breakthrough advancements, research and development on $Cu(InGa)Se_2$ and related materials remains exciting and promising. All of the reasons for the initial excitement over the potential for thin-film $Cu(InGa)Se_2$ remain valid. The high efficiency, demonstrated stability, and tolerance to material and process variations give great hope that it will be a major contributor to our solar electric future.

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