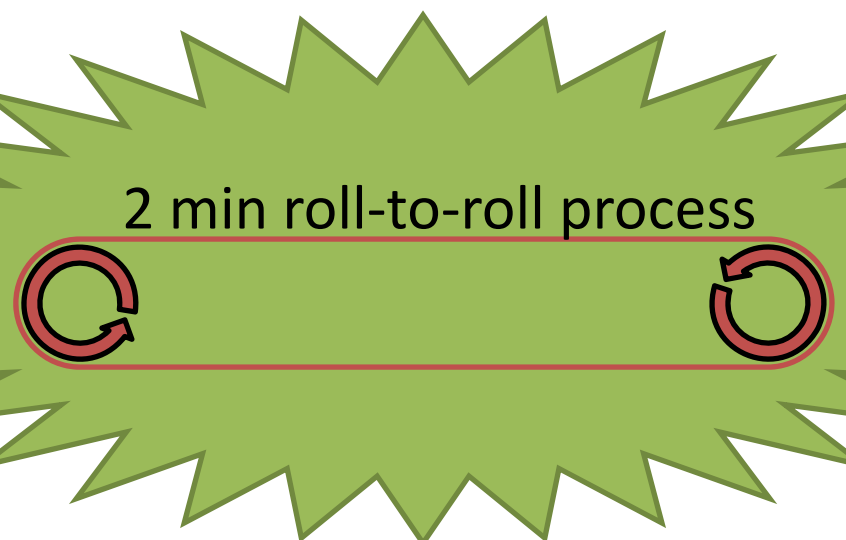
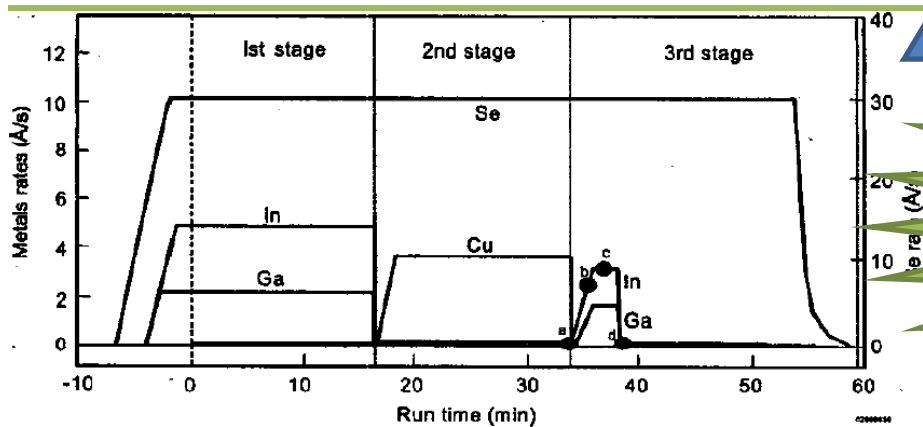




Cu(In,Ga)Se₂ Photovoltaic Absorber

19.5% efficient device;
1 hr process

Adapt lab methods to high
rate chemical vapor
deposition



R. Noufi, Y. Yan, J. Abu-Shama, K. Jones, M. Al-Jassim, B. Keyes, J. Alleman, and K. Ramanathan, *The Conference Record of the 29th IEEE Photovoltaic Specialists Conference*, IEEE, Piscataway, 508, 2002.

Chemical Vapor Deposition of CIGS

