Self-Assembly of Microscopic Chiplets at a Liquid-Liquid-Solid Interface Forming a Flexible Segmented Monocrystalline Solar Cell
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DESCRIPTION OF WORK
- Self assembly and integration of active semiconductor chiplets on flexible substrates
- Integration strategy to combine monocrystalline Si solar cells into a flexible, fault tolerant solar module

MAJOR OBSERVATIONS
- Very small active components can be preoriented and assembled at arbitrary locations from a silicone oil - water interface
- Flexible, monocrystalline solar cell was fabricated

Publications