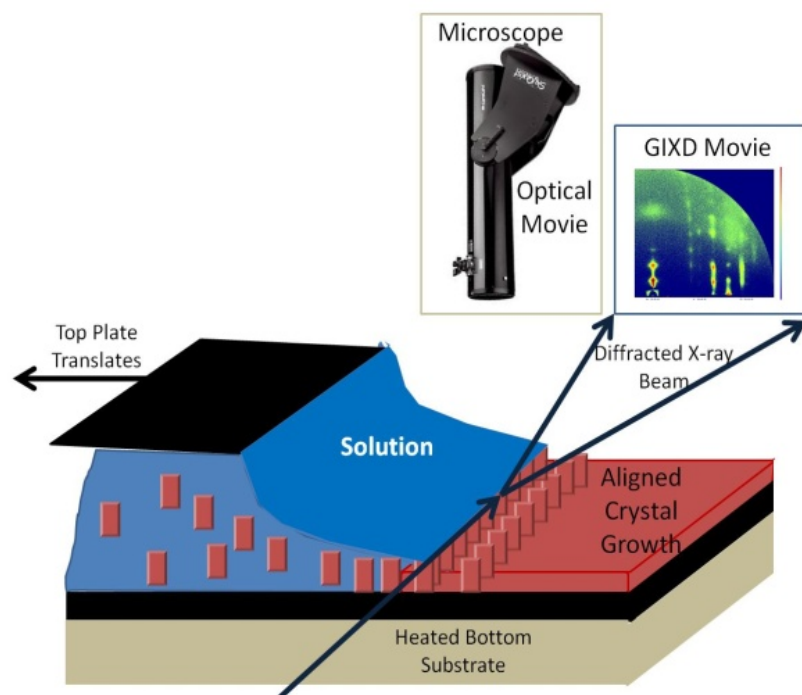


Organic semiconductor project: PhD project #4

3. Roll-to-roll processing of All-Organic solar cells



Can we make cheap flexible organic electronics on roll-to-roll processing, like we make newspapers?

- How do organic semiconductors crystallize and grow?
- What is the effect of solvents?
Temperature?
Shearing speed?

Computational Tools:

- **Electronic structure calculations**
- **Molecular Dynamics**

Enrichment:

- **Collaboration** with Zhenan Bao (Stanford)