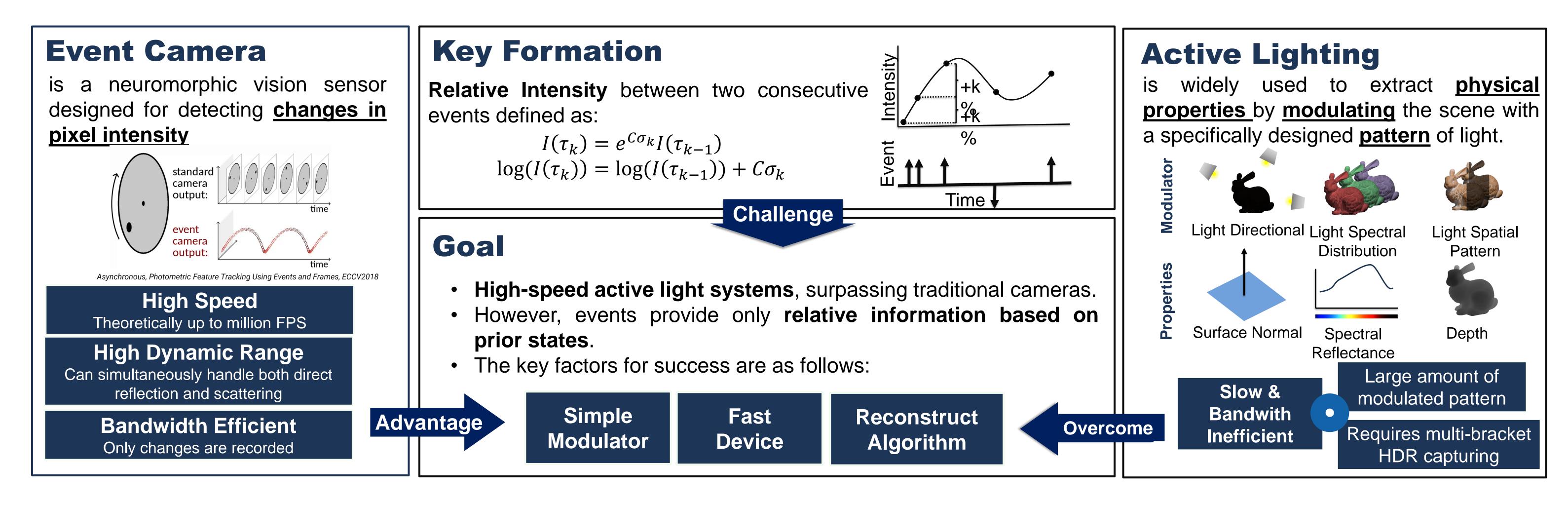
## Physic-based Vision at High-speed

# Surface Normal and Reflectance Estimation Using an Event Camera

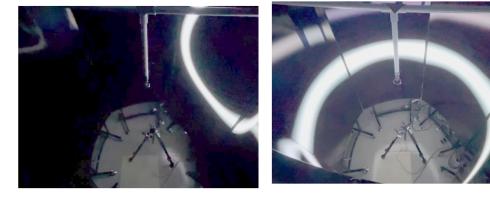
### Bohan Yu · Art Subpaasa · Liang Jinxiu · Jin Han · Boxin Shi · Imari Sato



### Normal & Roughness

### Spectral Reflectance

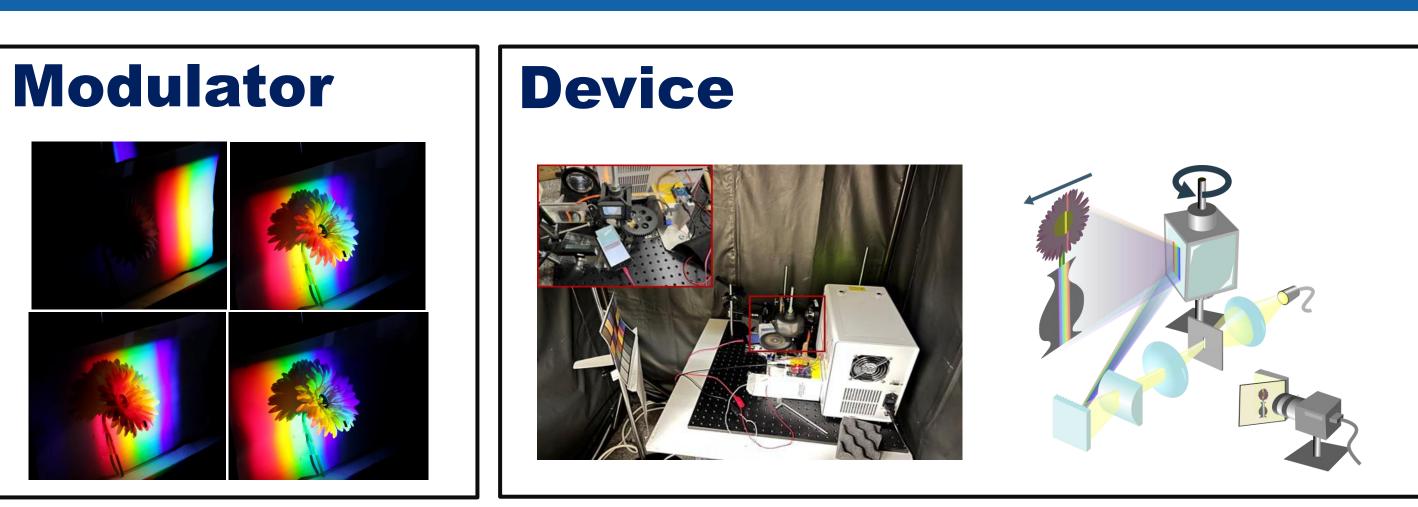
#### Modulator

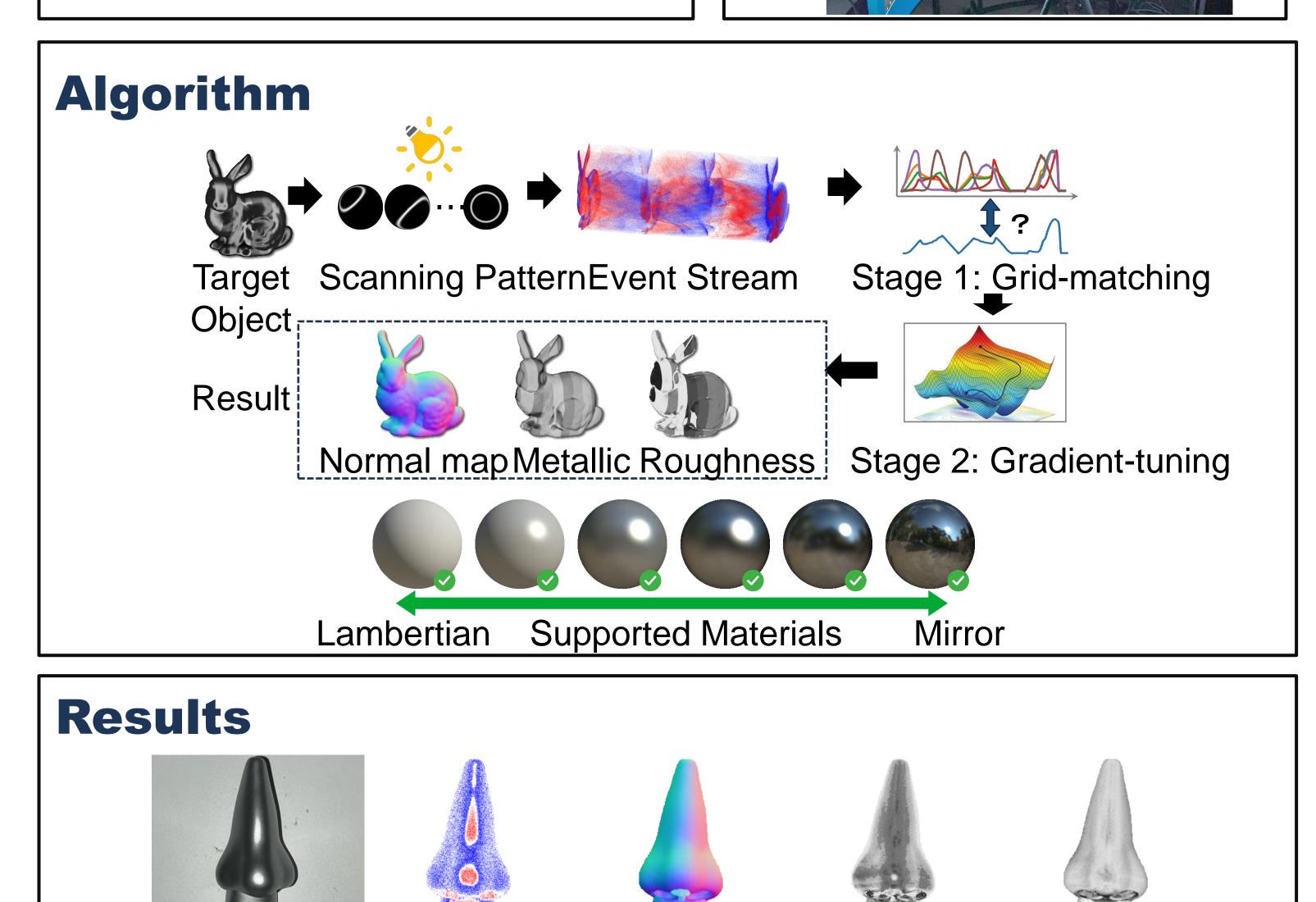




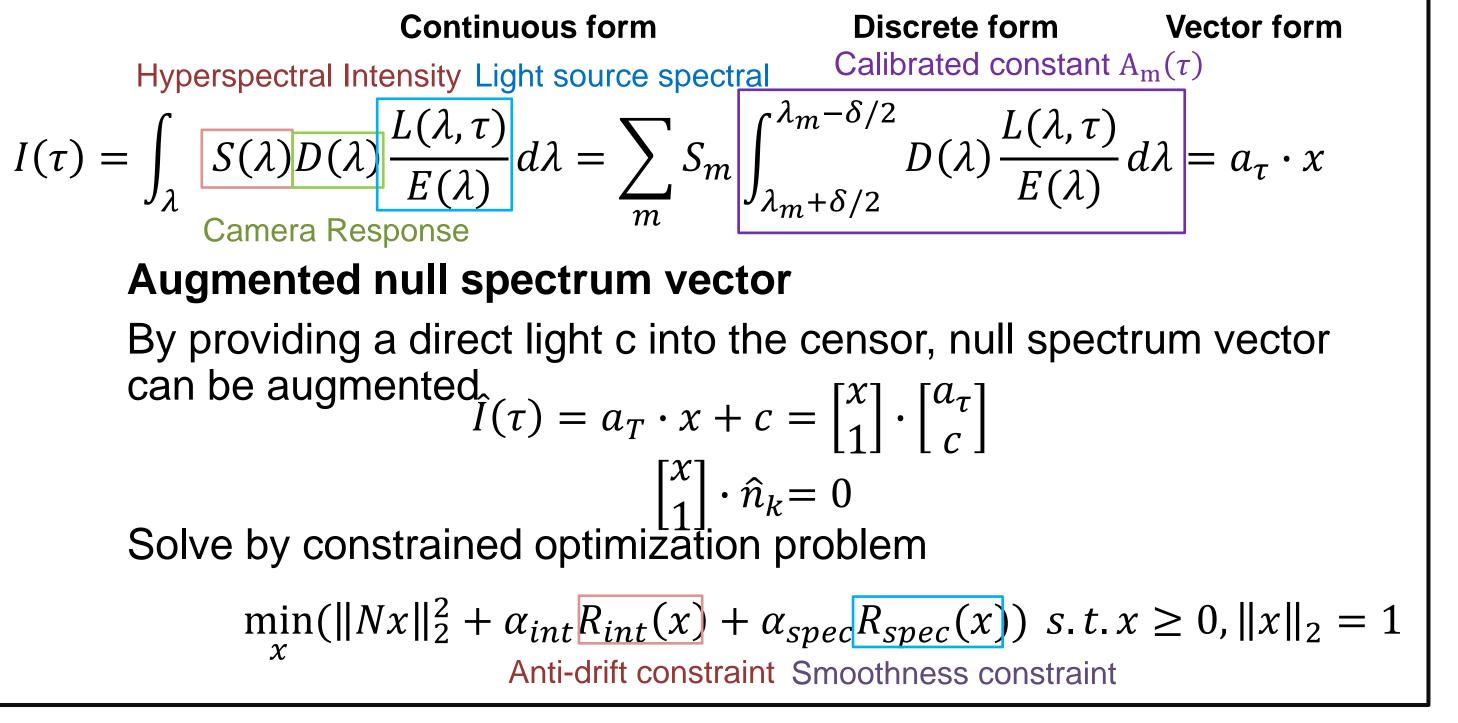
# Device



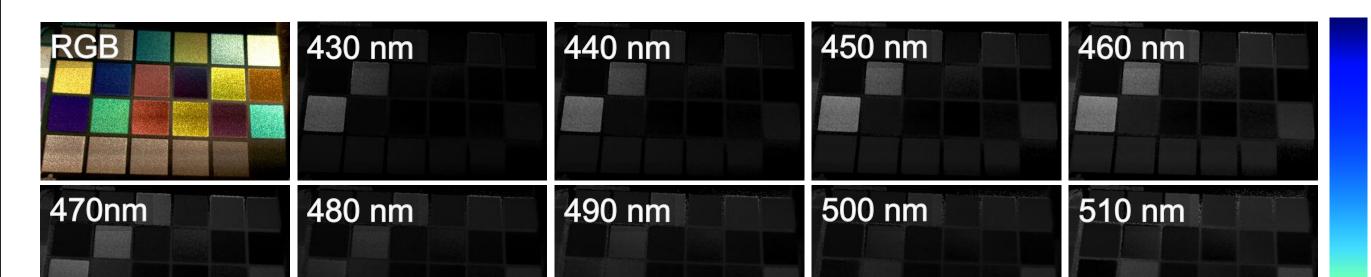


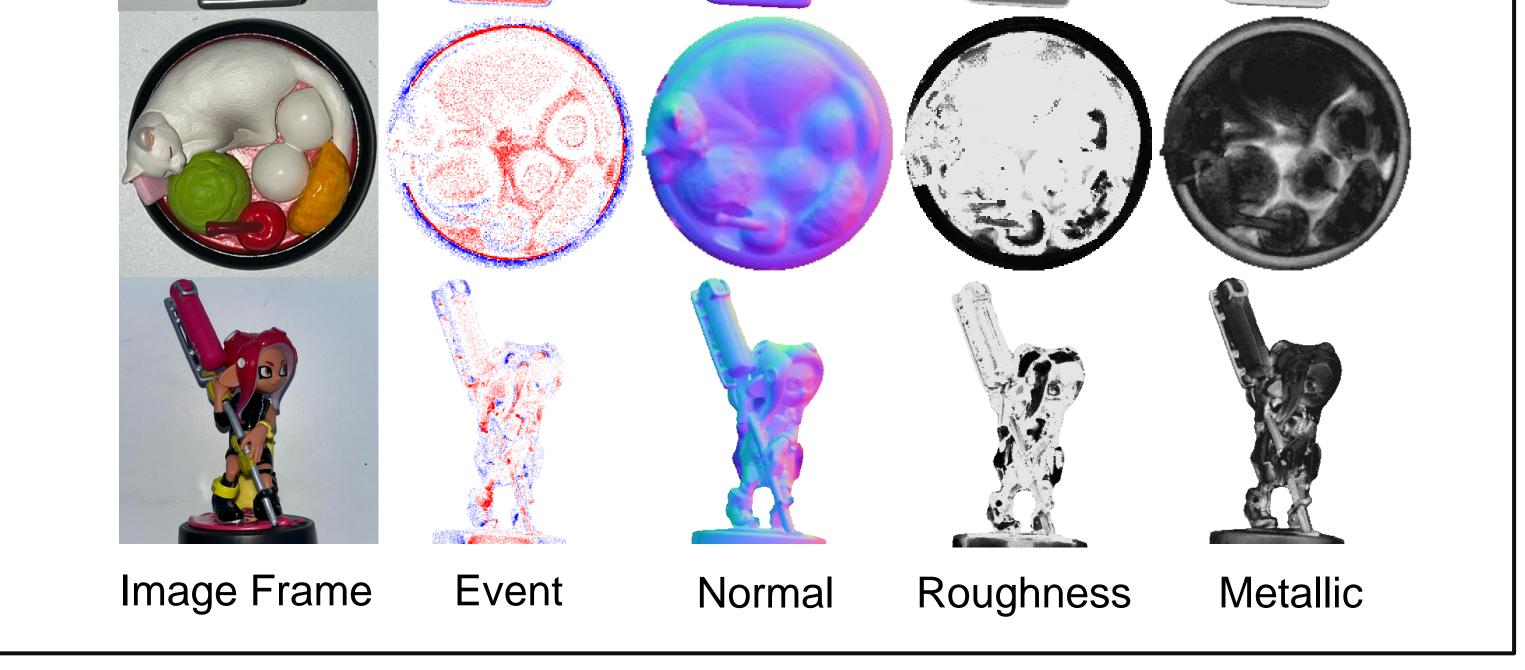


#### Algorithm



### Results





nm	530 nm	540 nm	550 nm	560 nm
Dnm	580 nm	590 nm	600 nm	610 nm
20nm	630 nm	640 nm	650nm	660 nm

URL : https://research.nii.ac.jp/pbv/