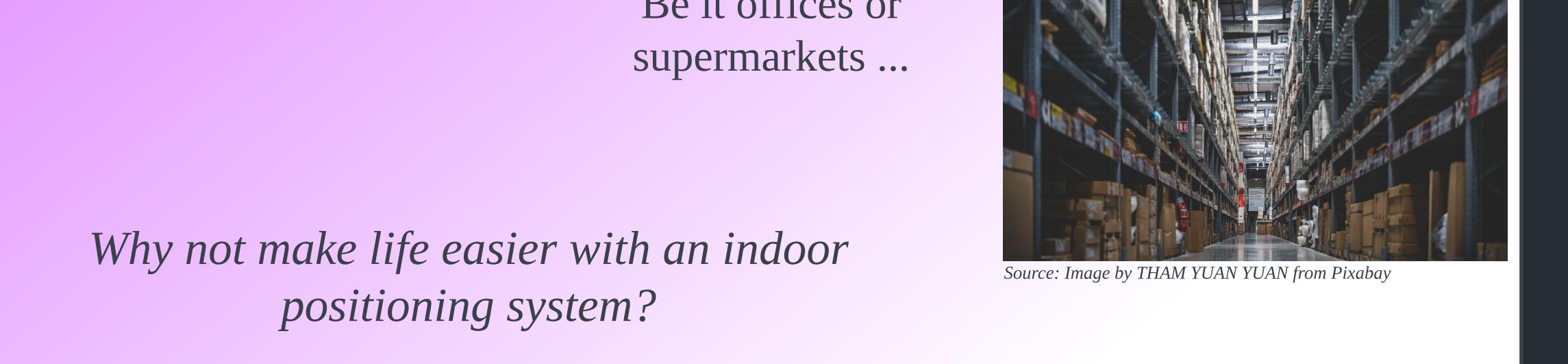
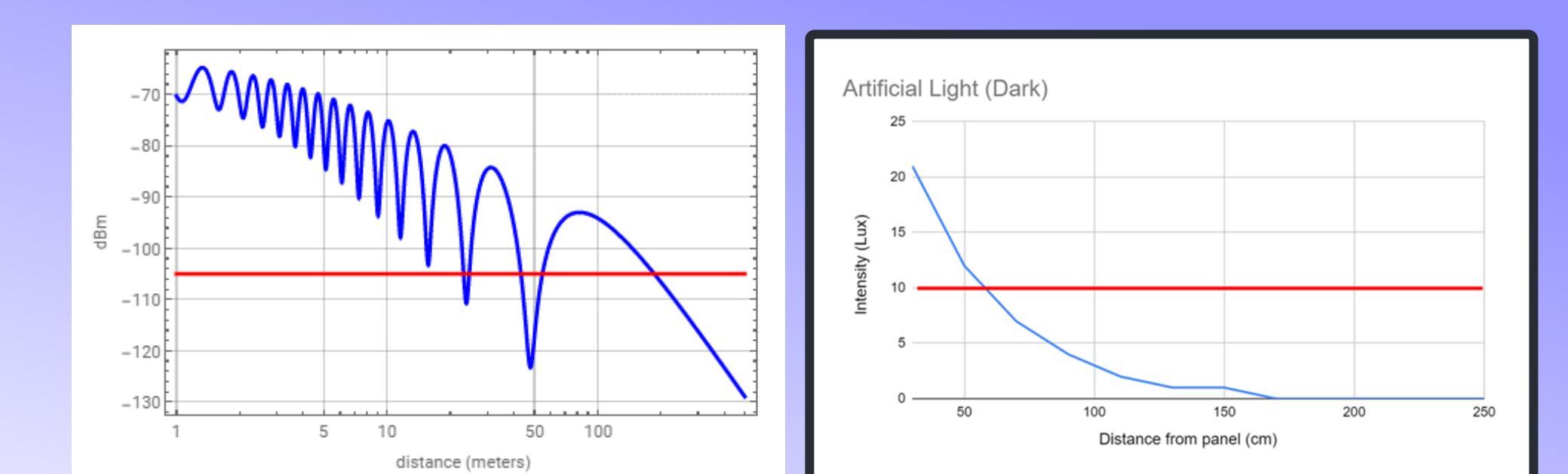


1. Introduction



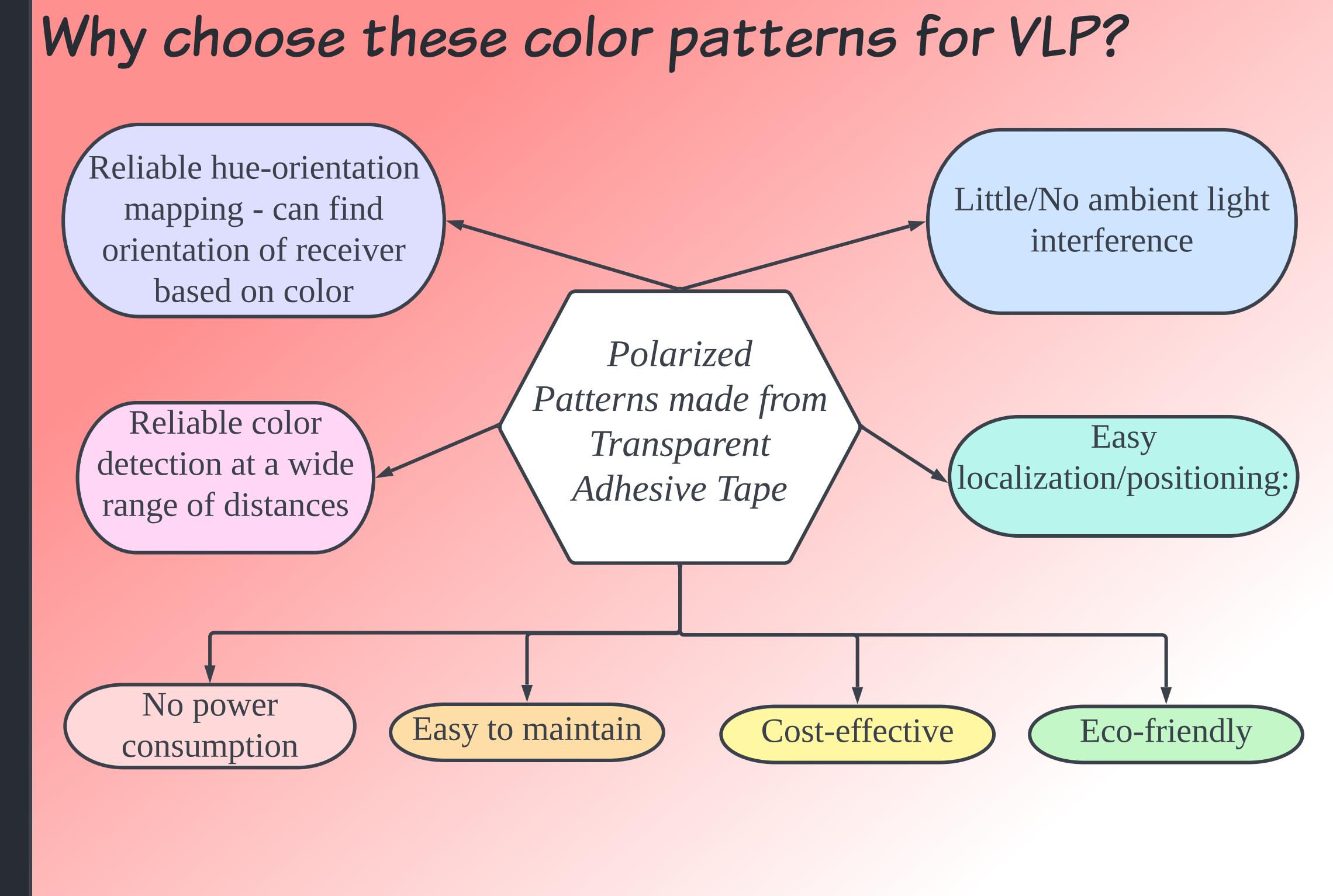
2. Motivation



- Radiowaves*: Multipath propagation**
- Multipath propagation - cannot pinpoint origin based on received intensity
 - Overcrowded (Cellular, Bluetooth, Wi-fi, GPS)
- Visible Light: Line-of-sight propagation**
- Line-of-sight propagation - can find one origin/source based on intensity
 - Largely untouched spectrum

*Source: <https://demonstrations.wolfram.com/RadioPropagationAndMultipathWithDiversityAntennas/>

8. Conclusion



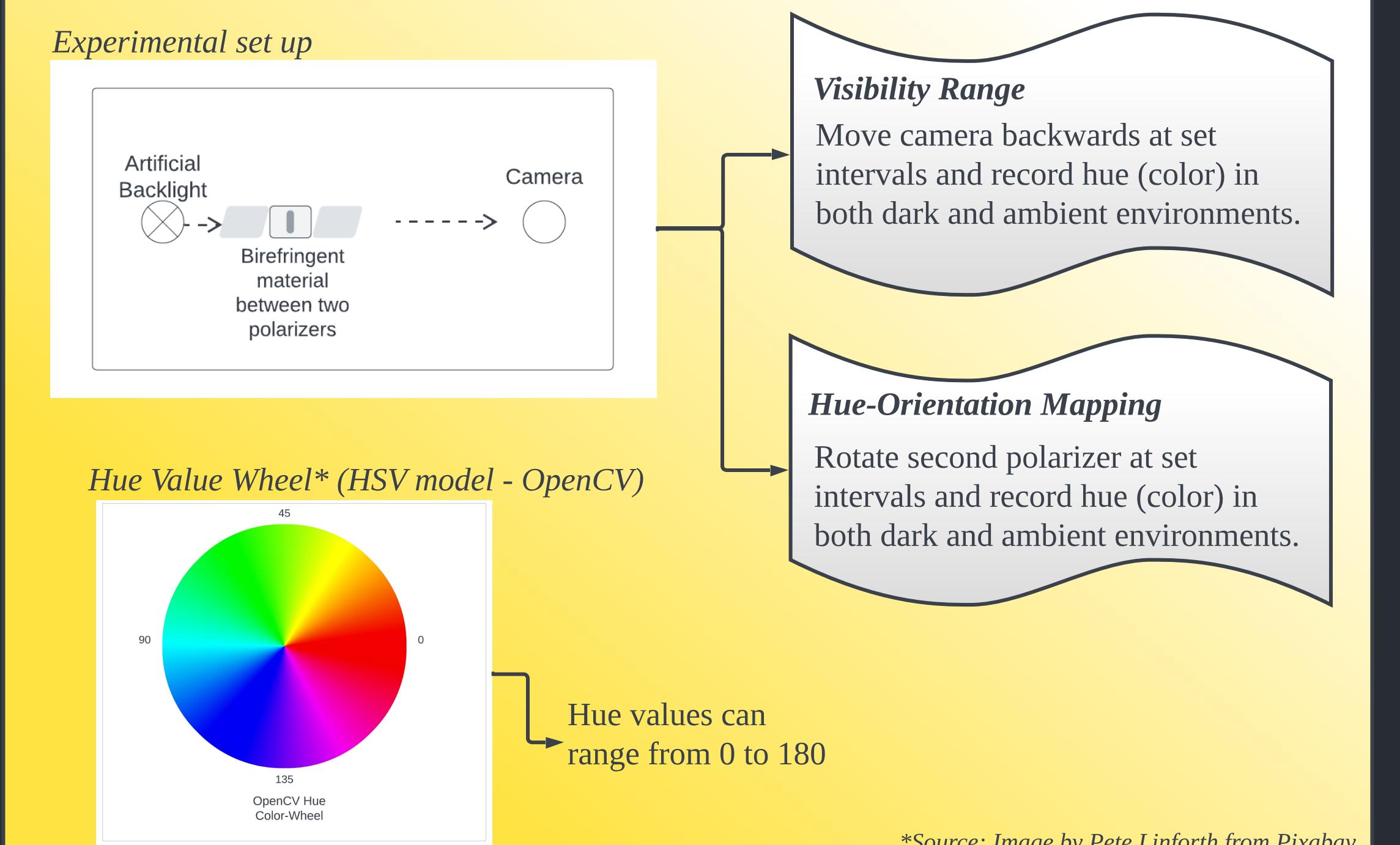
Analysis of Birefringent Materials To Create Static Polarized Patterns For Visible Light (Indoor) Positioning

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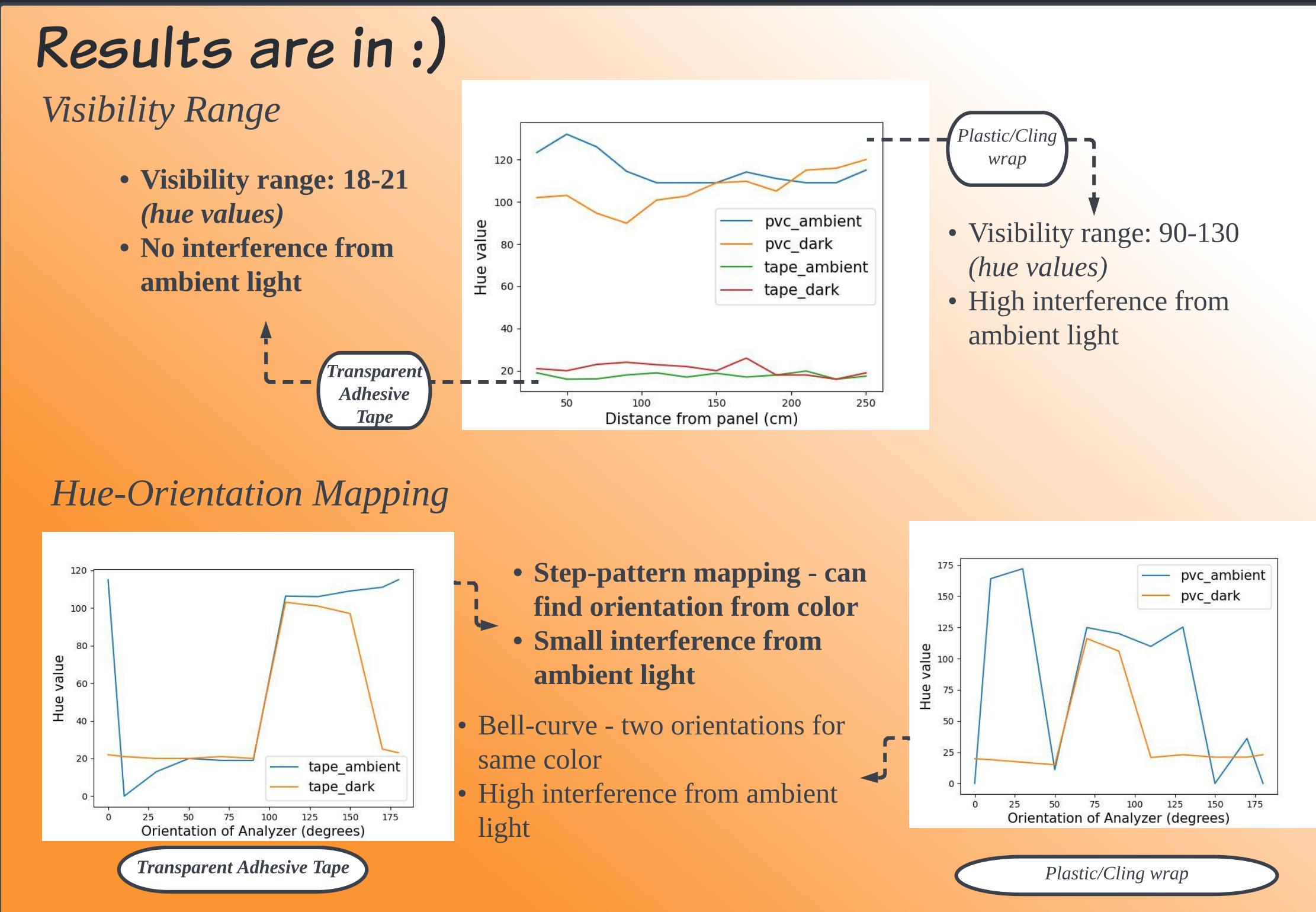
Supervisor: Miguel Chavez Tapia
Professor: Marco Zuniga Zamalloa



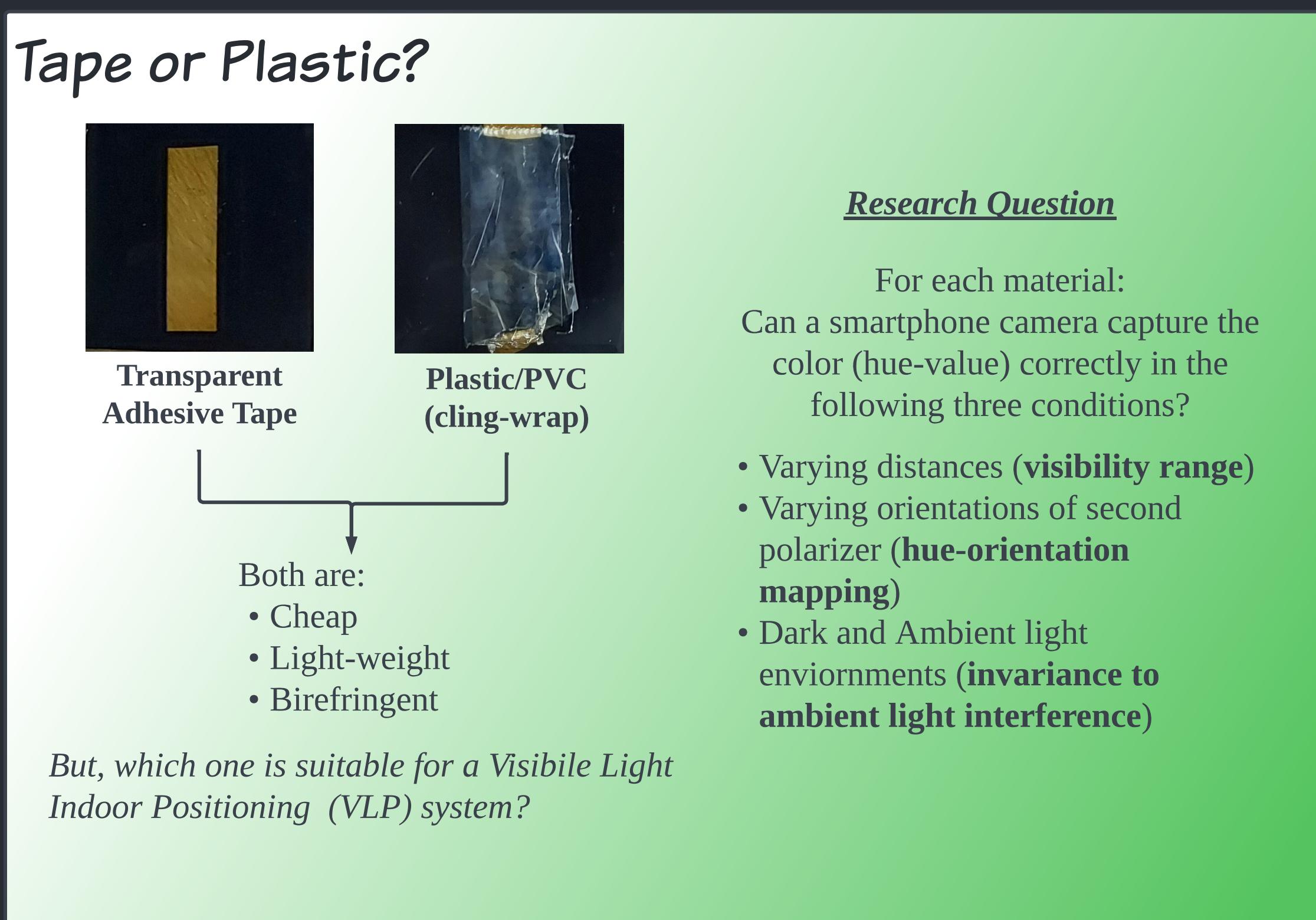
Let's do some experiments!



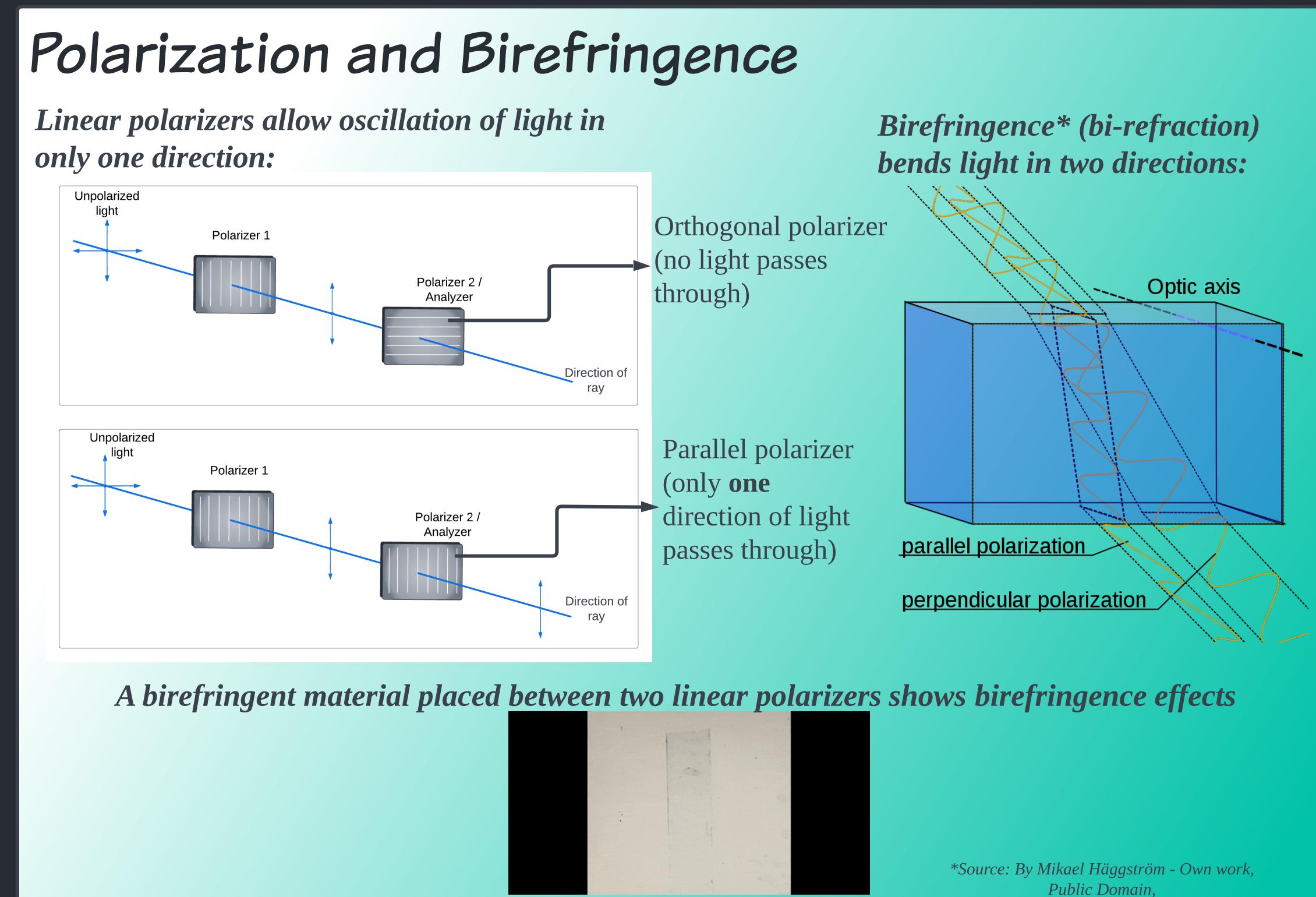
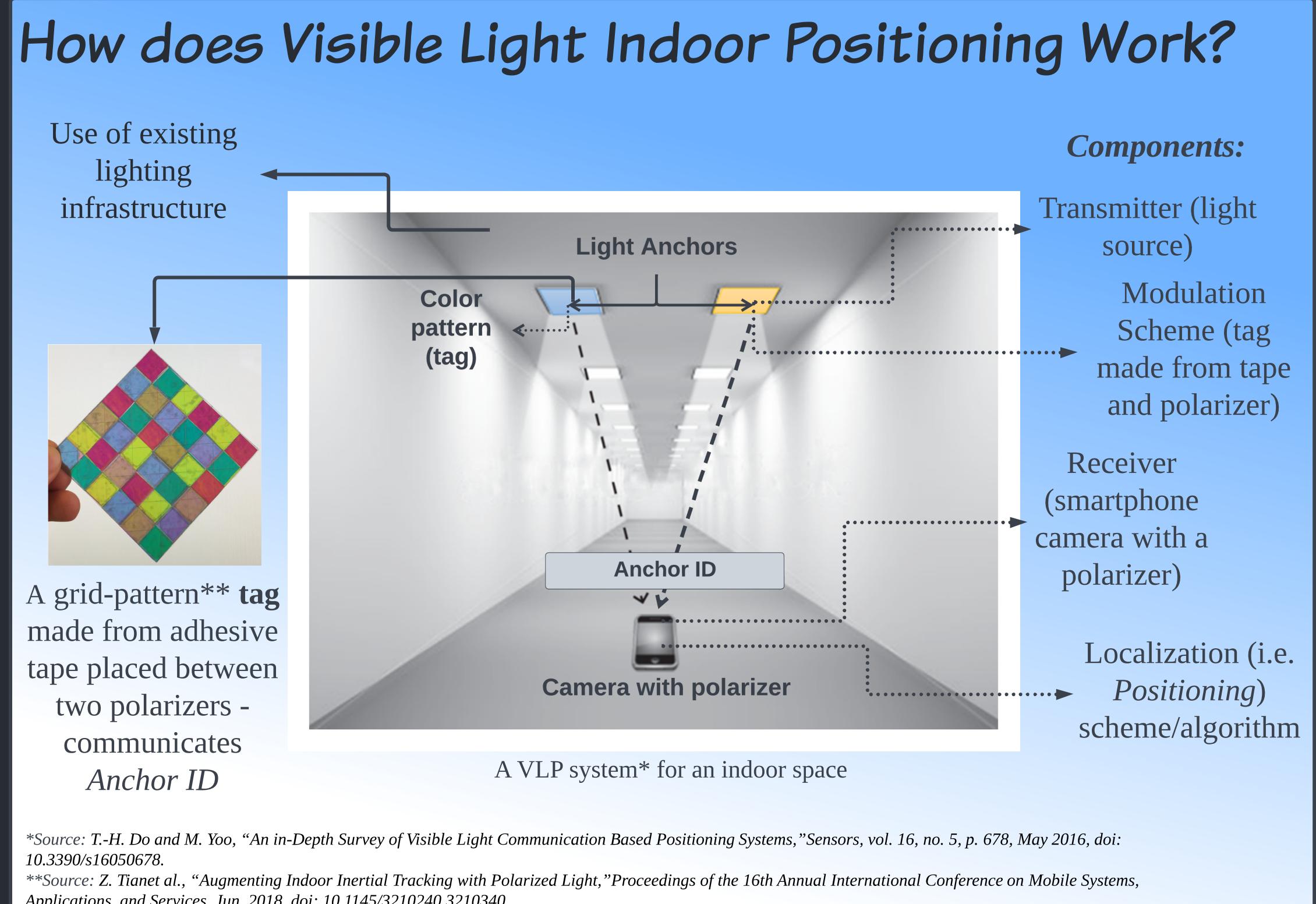
6. Methodology



7. Results



5. Research Question



4. Background