

Monitoring Light Pollution With Crowdsourced Data

Saturday 25 October 2025 15:10 (20 minutes)

Light pollution is an often-overlooked environmental challenge with profound effects on ecosystems, astronomy, and human health. While photometers for measuring sky brightness are widely available, most existing solutions are closed, fragmented, or limit access to the data they generate.

This talk introduces an integrated, fully Open Source approach to monitoring light pollution. By combining SC Robotics' Open Hardware Dark Sky Meter devices with the Libre Space Foundation's experience in building community-driven data platforms, we are creating a collaborative ecosystem where anyone can measure, share, and explore night-sky brightness data.

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