

Chair of Spacecraft Systems

Interdisciplinary Project in Application Subject.

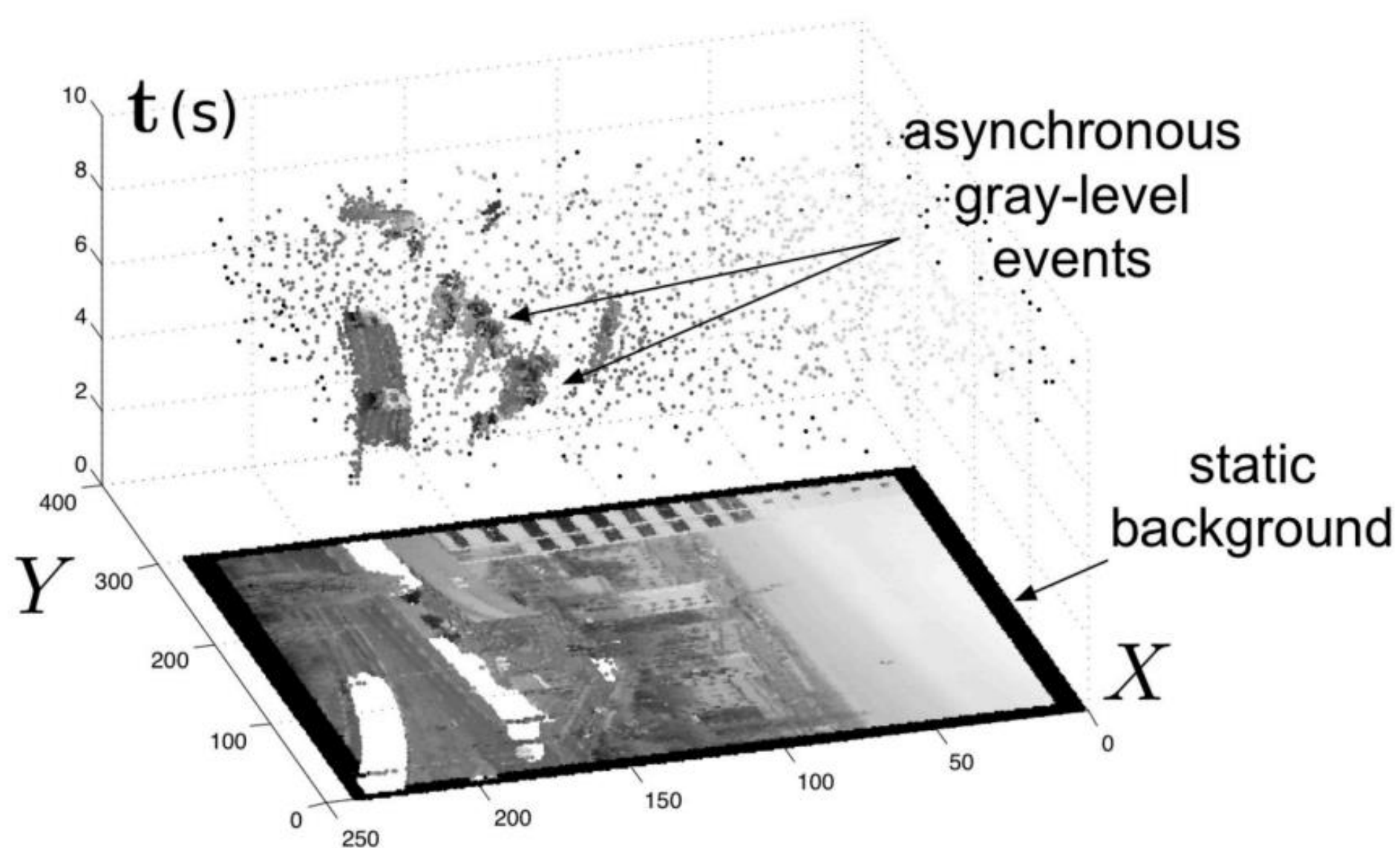
“Synthetic dataset of Artificial Objects in Space for Event Vision”.

In this work we utilize an Event Camera, a relatively new type of sensor that provides asynchronous events. The goal of this project is to create a dataset of event camera technology. This dataset is essential for training AI-model to detect objects in space, particularly artificial objects. Currently, such a dataset specifically for this type of objects does not exist.

Timetable for this work: 6-7months.

Requirements: basic knowledge in computer vision and AI fields.

Expected Results: Dataset for Event Vision and Science Paper.



Contact person: Researcher of TUM, Iliasov Rafael, +4915734954322, r.iliasov@tum.de.

Work place: Caroline Herschel Straße 100/II, 85521 Ottobrunn – Germany.