Simulator development for LiFi channel model evaluations

This work involves

- Develop a LiFi simulation framework in Python and implement existing channel models and blockage models
- Extend simulator to include geometric models for objects and humans in an environment
- Evaluate the LiFi channel under different mobility and blockage conditions

If you are interested in this work, please send an email with a short introduction of yourself along with your CV and grade transcript.

Prerequisites

- Strong Python programming skills
- Understanding of mobility models
- Strong foundation in wireless communication

Advisors

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