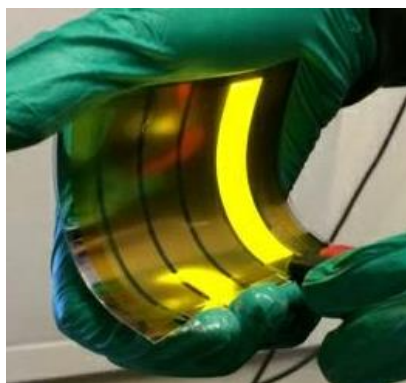


Master Thesis Opportunity in Organic Photonics and Electronics

We are looking for motivated Master students to join the Organic Organic Photonics and Electronics Group (OPEG) for the Master Thesis project. If you are interested, keep reading!

At OPEG, we develop organic emissive and photovoltaic devices for next-generation electronics. In our labs, we fabricate, characterize and develop novel and sustainable optoelectronic devices on a variety of substrates, including plastic, paper, and textile, using a wide range of solution-based techniques. Our activity is mainly experimental but we have recently started a new research line in optical and electrical modeling.



During both the **autumn and spring semesters of the academic year 2022/2023**, we aim to **recruit two to three master-thesis students**. We are specifically looking for master students that will perform their thesis project (30 ECTS) in the fields of:

- Sustainable fabrication of thin-film organic light-emitting devices
- Environmentally friendly nanomaterials for optoelectronic devices
- Advanced device and material characterization
- Optical and electrical modeling
- Development of specific scientific instrumentation

The accepted master students will be offered:

- Hands-on training in the advanced scientific equipment and instrumentation of OPEG and Nanolab
- To be an integral part of an international cutting-edge research environment
- The opportunity to define a favorite research topic (within the interest realm of OPEG)

The successful candidate must have:

- Documented appropriate education in physics, chemistry, or materials science
- Good skills in written and oral English
- The capacity to work both independently and to follow advice

If you want to visit our labs or learn more about OPEG, the potential master thesis projects, or the application procedure, please contact: joan.rafols-ribe@umu.se