

October 2014

Yearly Report of the Swiss Photonics National Lab SSSL

The proposal for the Swiss national laboratory for Solid State Lighting (SSSL) was officially approved by the Swissphotonics board on April 30th, 2014.

Team

CSEM / Dr. Rolando Ferrini, EPFL LASPE / Prof. Nicolas Grandjean, ZHAW ICP / Prof. Beat Ruhstaller, EMPA Lab. Adv. Mater. Processing / Prof. Patrik Hoffmann,

Industrial contacts

BASF Schweiz AG (Basel) / Domain: OLEDs / Contact: CSEM

Euresearch (Bern) / Domain: LEDs / Contact: CSEM and EPFL-LASPE

CREALAS (Thun) / Domain: SSL / Contact: CSEM and EMPA

Investments for equipment

Goniometer controller for angle-resolved characterization of SSL sources (CSEM)

Network

- **Photonics21/ Workgroup 4**: participation to the first discussions on the recommendations to the EU Commission for the future H2020 calls
- **EPIC**: co-advertising for the upcoming Workshop on Large-Area SSL
- **EU project LASSIE-FP7**: collaboration for the organization of the Workshop on Large-Area SSL

Meetings

Bilateral meeting CSEM/EPFL LASPE, EPFL, 21.03.2014

Photonics21 Annual Meeting/WG4 (CSEM), Brussels, 27-28.03.2014

Light+Building (CSEM), Frankfurt, 3-4.04.2014

Innovation Talk on SSL (invited: OSRAM), CSEM Muttenz, 15.05.2014

SSSL Kick-off meeting (with all partners), 13.06.2014

iNet Technology Circle (CSEM and ZHAW: presentation SSSL), Rolic, 04.09.2014

Annual CTI Plenum (CSEM: presentation of SSSL), CSEM, 24.09.2014

Int. LED Prof. Symposium (CSEM: SSSL & LASSIE-FP7), Bregenz, 30.09-02.10.2014

Workshop on Large-area SSL (Swissphotonics + EU LASSIE-FP7), 30.10. 2014

SSSL Periodic meetings (with all partners), 1-2 times per year

Next steps

- Increasing activities and awareness of the SSSL
- Consolidation of the Team / Evaluation of new potential partners
- Next Workshops & Industrial seminars + Advertising actions
- Promote more industrial contacts with Swiss SMEs
- New investments for equipment
- Possible common demo to advertise SSL capabilities in CH (2015)