

Joint Press release – LightLab Sweden AB and NTU Singapore

Sweden 08-12-2014

NTU Singapore and LightLab Sweden AB launch joint research in low-energy lighting

LightLab Sweden AB, a Swedish firm specialising in low-energy lighting listed on the OMX stock exchange, and Nanyang Technological University (NTU Singapore) will be collaborating to develop the next generation low-cost, energy-efficient lighting technology.

Under the new partnership, the joint research programme will be hosted by NTU's LUMINOUS! Centre of Excellence for Semiconductor Lighting and Displays. The NTU research centre, which specialises in energy efficiency and quality lighting and displays, will provide the expertise and facilities to develop the next generation lighting technology.

Leveraging NTU's strengths in lighting technology, the partnership is also expected to unleash the full potential of EEE Light®, a unique lighting technology based on field emission developed by LightLab. LightLab are looking to bolstering it with new materials and light extraction technologies through the research partnership.

A young and research-intensive university, NTU is ranked 39th in the world and No. 1 in Quacquarelli Symonds' Top 50 Under 50 ranking for universities under 50 years old. This collaboration with NTU will provide a unique platform for LightLab's integrated lighting technology by allowing the company access to the University's world-class research facilities. It will also allow the company to explore and evaluate new cost-effective architectures and structures for general lighting and industrial solutions.

Nanyang Associate Professor Hilmi Volkan Demir, Director of LUMINOUS! said, "This joint research programme will build on NTU's strengths in engineering and science, and our proven track record of industry collaboration and innovation. Through NTU's LUMINOUS!, a centre of excellence under our newly launched Photonics Institute, we look forward to working with LightLab to develop novel cost-effective lighting technologies for the future."

Nanyang Associate Professor Demir will lead the joint research programme together with Ph.D. Jonas Tirén, Vice President of R&D at LightLab.

This is LightLab Sweden AB

LightLab is developing a new, environmentally-friendly lighting technology. With this technology, light of very high quality can be produced in an energy-efficient way, entirely without the use of mercury or other substances hazardous to the environment.

Laboratory activities are carried out by a subsidiary in Taiwan, LightLab Asia. LightLabs technology can be used in a host of other applications, each of which offers considerable potential. LightLab has over 4,000 shareholders. The company's shares are listed on NASDAQ OMX First North. The company's certified adviser is Erik Penser Bankaktiebolag.

LightLab Sweden AB (publ)

Östermalmstorg 1, 114 38 Stockholm, Tel 08-442 05 50 Fax 08-5025 65 00

The board of directors' goal is to strengthen LightLab's position as a leading technology company within the lighting industry. LightLab aims to achieve this through strategic business development and by working with leading players in the global lighting market.

Jan Rynning, Chairman of the board at LightLab said, "The cooperation with NTU is an important step in this direction and it is also a strong confirmation of the potential in LightLab's technology."

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About LightLab Sweden AB

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About Nanyang Technological University

A research-intensive public university, Nanyang Technological University (NTU) has 33,500 undergraduate and postgraduate students in the colleges of Engineering, Business, Science, Humanities, Arts, & Social Sciences, and its Interdisciplinary Graduate School. It has a new medical school, the Lee Kong Chian School of Medicine, set up jointly with Imperial College London.

NTU is also home to world-class autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies, Earth Observatory of Singapore, and Singapore Centre on Environmental Life Sciences Engineering – and various leading research centres such as the Nanyang Environment & Water Research Institute (NEWRI), Energy Research Institute @ NTU (ERI@N) and the Institute on Asian Consumer Insight (ACI).

A fast-growing university with an international outlook, NTU is putting its global stamp on Five Peaks of Excellence: Sustainable Earth, Future Healthcare, New Media, New Silk Road, and Innovation Asia.

Besides the main Yunnan Garden campus, NTU also has a satellite campus in Singapore's science and tech hub, one-north, and a third campus in Novena, Singapore's medical district.

For more information, visit <http://www.ntu.edu.sg>

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