

## **NL Nanosemiconductor Moves to New Headquarters**

DORTMUND, April 08, 2005 – In opening ceremonies for new facilities of the MST.factory dortmund attended by dozens of notable representatives from the political, economic and scientific world, NL Nanosemiconductor GmbH officially moved its headquarters to a much larger location in Dortmund, Germany.

The offices, laboratories and cleanroom facilities, located in a newly built high-tech center, were designed and are managed by the MST.factory dortmund, a facilitator of microsystems competence, as an incubator for small and medium-sized enterprises and start-up companies. As part of its relocation, NL Nanosemiconductor has been provided with access to equipment, services and know-how in the development of micro-components and products. Four other companies focused on micro-/ nanotechnology also have moved to the new campus.

The new location, known as "Phoenix West", is actually the former site of the sprawling ironworks of steelmaker Hoesch AG. "Steel making is what this area was known for over the past century, but the recent economic trends has meant a decline in such energy and raw material intensive smokestack industries throughout the industrial world," said Dr. Hans-Rudolf Folle, head of MST.factory. "We believe that the future of this region lies in such high-tech industries – our goal is to build up a critical mass of entrepreneurial enterprises providing well paying, technically skilled jobs."

The new facilities of NL Nanosemiconductor contain not only a Riber 49 MBE machine for growing laser wafers, but also a complete 500 square meter facility for processing those wafers into lasers. "We will now have the in-house ability to develop, to prototype and to manufacture in low volume our quantum dot based laser devices, bringing our products much higher up the value chain than previously possible," explained Dr. Alexey Kovsh, COO of NL Nanosemiconductor. "Furthermore, we will have full wafer and laser characterization capabilities to quantify the clear competitive advantages of our proprietary design concepts using quantum dot technology."

"This new location will allow us to significantly save time, costs and investment, enabling us to address the needs of our customers in new markets," commented Juergen Kurb, CEO of NL Nanosemiconductor, adding "It is a major step forward in the evolution of the company to deliver a comprehensive product portfolio"

### **About NL Nanosemiconductor GmbH**

Located in Dortmund (Germany), NL Nanosemiconductor, originally spun-out of the Ioffe Physico-Technical Institute in St. Petersburg, Russia, offers innovative compound semiconductor epitaxy wafers, lasers chips and laser devices. In particular, its patented Defect Reduction (DRT) and quantum dot technologies enable tangible improvements in cost, performance, and quality in compound semiconductor devices used for optoelectronics.