

The 135th GREEN Seminar



An Overview of Eindhoven University of Technology
Research and Industrial Landscape – An Integrated
Ecosystem in Advanced Engineering from Mechatronics
to Semiconductors

Chair: Dr. Hiroyuki OHSAKI (GREEN)

Prof. Elena A. Lomonova

(Eindhoven University of Technology, NETHERLANDS)

As the Eindhoven University of Technology's ambassador to Japan, Prof. Lomonova is responsible for establishing and strengthening cooperative relationships with Japanese universities and research institutes. She is visiting this time to build a relationship with NIMS. The lecture will consist of three parts: (1) Introduction of Eindhoven University of Technology, (2) Casimir Institute of Eindhoven University of Technology: Future Chips and High-tech Systems, and (3) Electromechanics and Power Electronics group – High-tech Systems and Mechatronics research. The Casimir Institute was launched for semiconductor and high-tech systems in September 2025. The research institute brings together over 700 scientists focusing on semiconductors, quantum technology, photonics, advanced materials, high-tech systems and fundamental research.

Venue: Conference Rm. #513-514, 5F,

Advanced Structural Materials Bldg., Sengen-site

Date & Time: 13:30-14:30, Tuesday, 9 June 2026

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