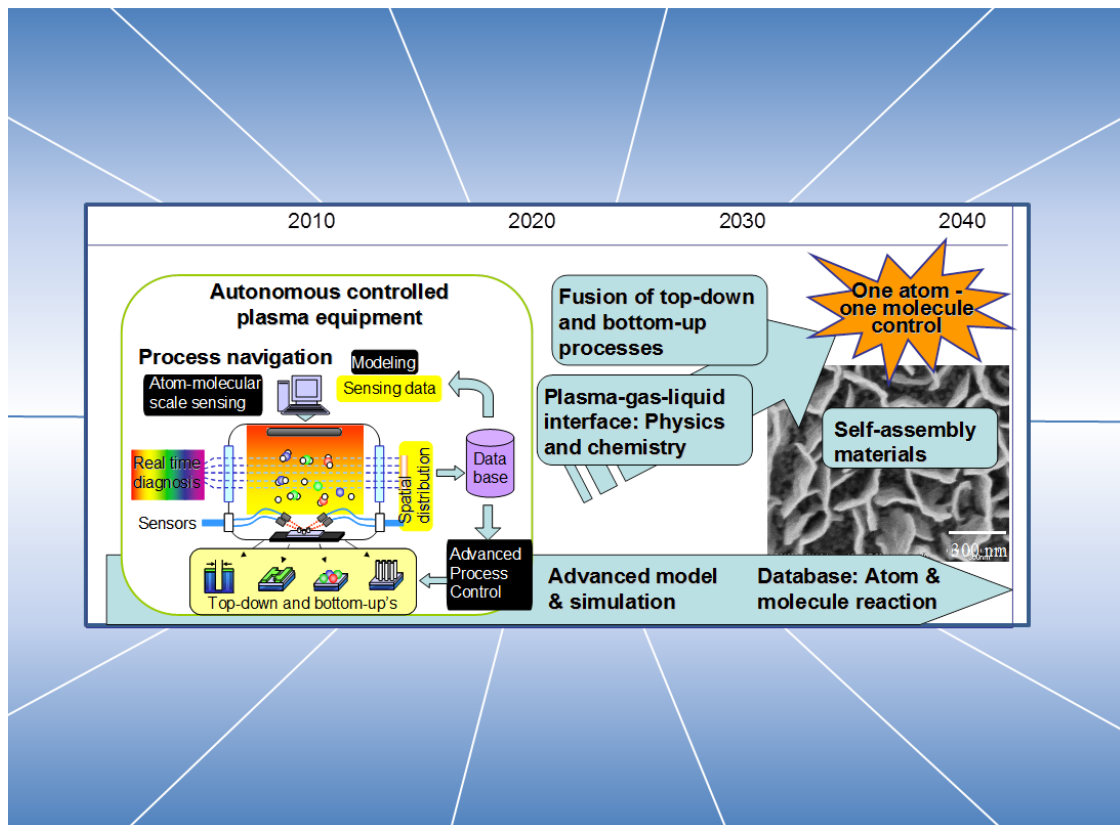


Nagoya University

PLASMA NANOTECHNOLOGY RESEARCH CENTER (PLANT)



after "The 2012 Plasma Roadmap", J. Phys. D 45 253001(2012).

Why Plasma Nanotechnology Research Center?

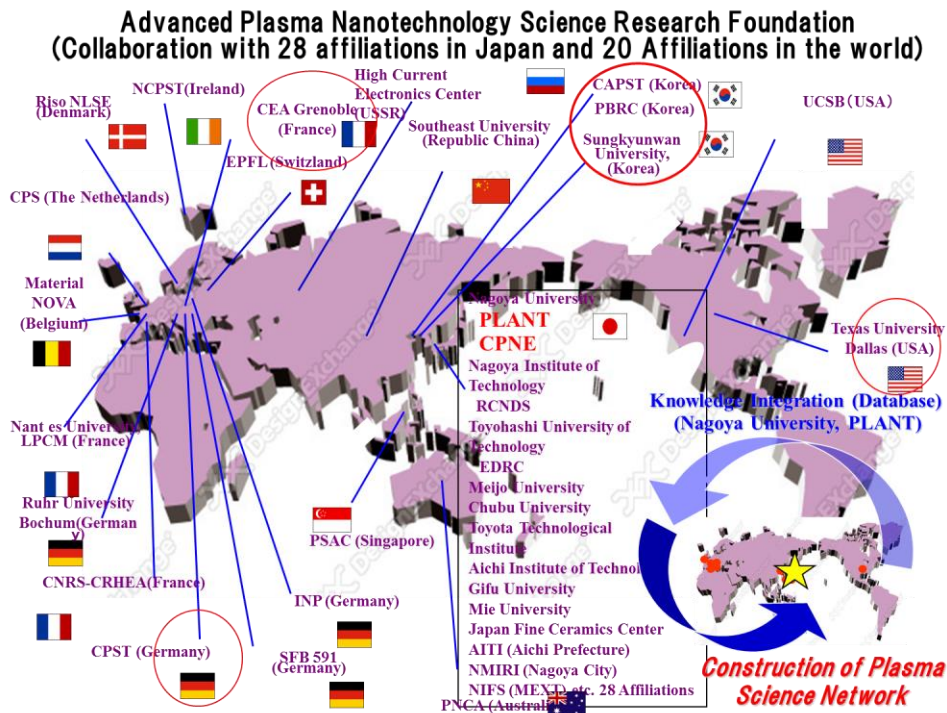
Plasma is High-Tech tool for manufacturing technology

Plasma ultra-fine processing → Nanotechnology

Plasma Surface Modification → Biotechnology

Plasma Gas Phase Reactions → Environmental Technology

Enforcement of Academic Basis for Plasma is required



NU-SKKU Joint Institute for Plasma-Nanomaterials

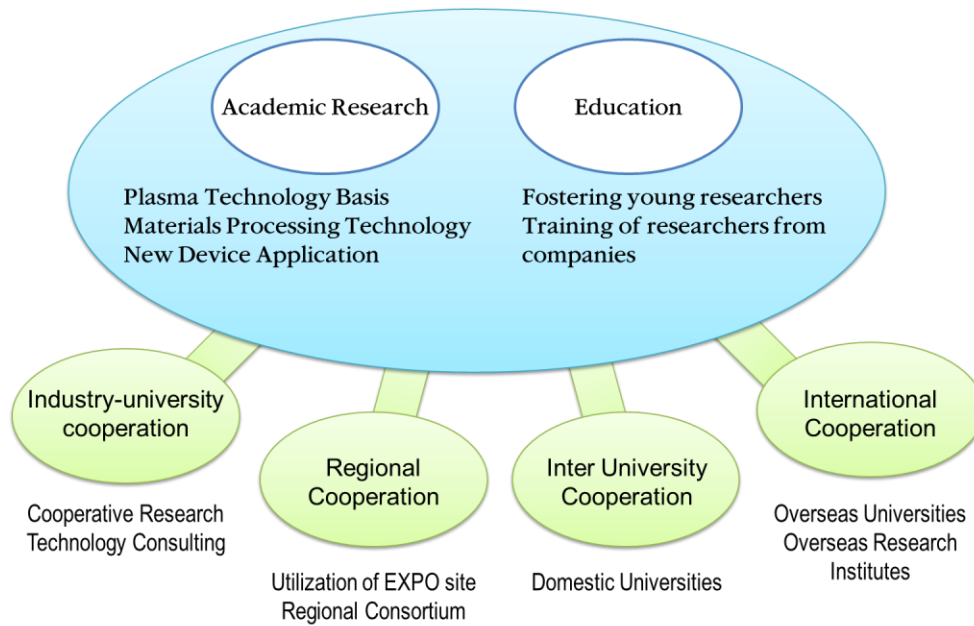


Center for Advanced Plasma Surface Technologies (CAPST), Sungkyunkwan Univ. (SKKU), Korea & Plasma Nanotechnology Research Center (PLANT),

Purpose of PLANT

Academic research and education for plasma nanotechnology

Plasma Nanotechnology Research Center



Academic Research of PLANT

Research Topics	PLANT	Supporting Departments
Basic Plasma Technology New Plasma Technology New Plasma Diagnostics Modeling of Processing Plasma Nanoscale Interface Control Organic-Inorganic Surface Modification	Basic Research Section	Electrical Engineering and Computer Science
Materials Processing Technology Ultra-fine Manufacturing process Manufacturing Process of Difficult Materials Creation of Functional Surface Plasma process with Industrial Equipment		Energy Engineering and Science
New Device Applications Nano-quantum Device Process Nano-bio Device Process	Industry-cooperation Section	Crystalline Materials Science
		Materials, Phys. Energy Engineering
		Applied Chemistry, Chemical Engineering and Biochemistry
		Quantum Engineering
		Mechanical Science and Engineering
		Micro & Nano System Engineering

Education

–International Training–

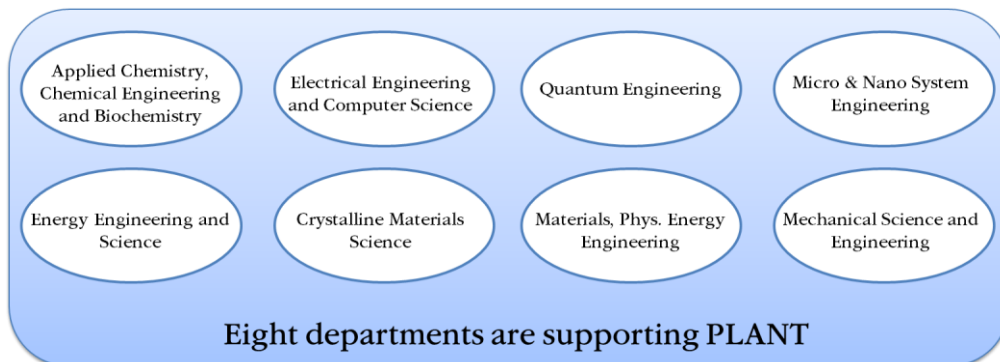
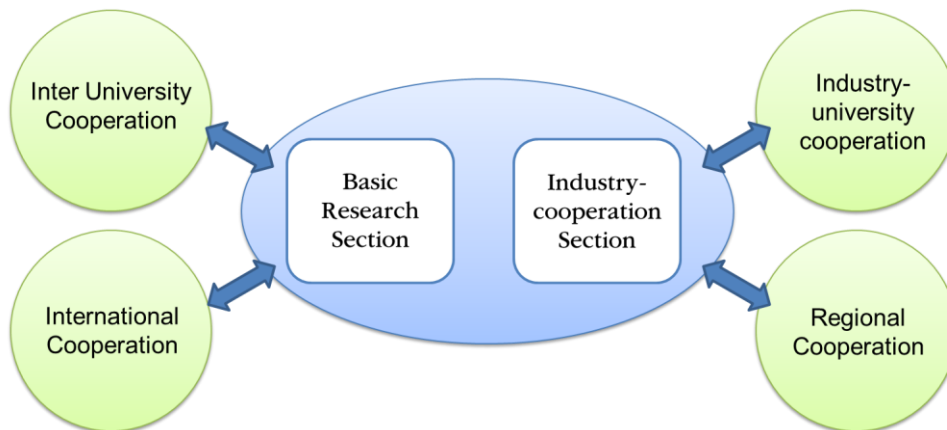
Opportunity of international collaborative research for Ph.D students, which foster young researchers in next-generation plasma-nano academy

–Plasma School–

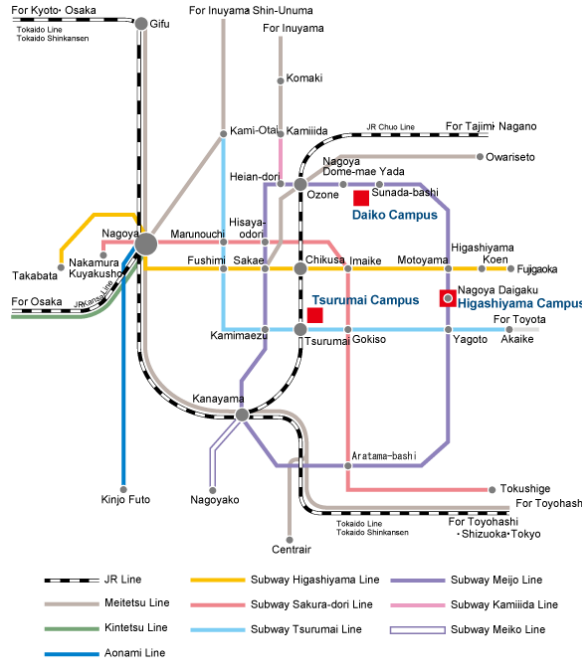
Plasma school is periodically held for plasma-related students as well as for young researchers from companies.

Organization of PLANT

PLASMA NANOTECHNOLOGY RESEARCH CENTER



Access Information

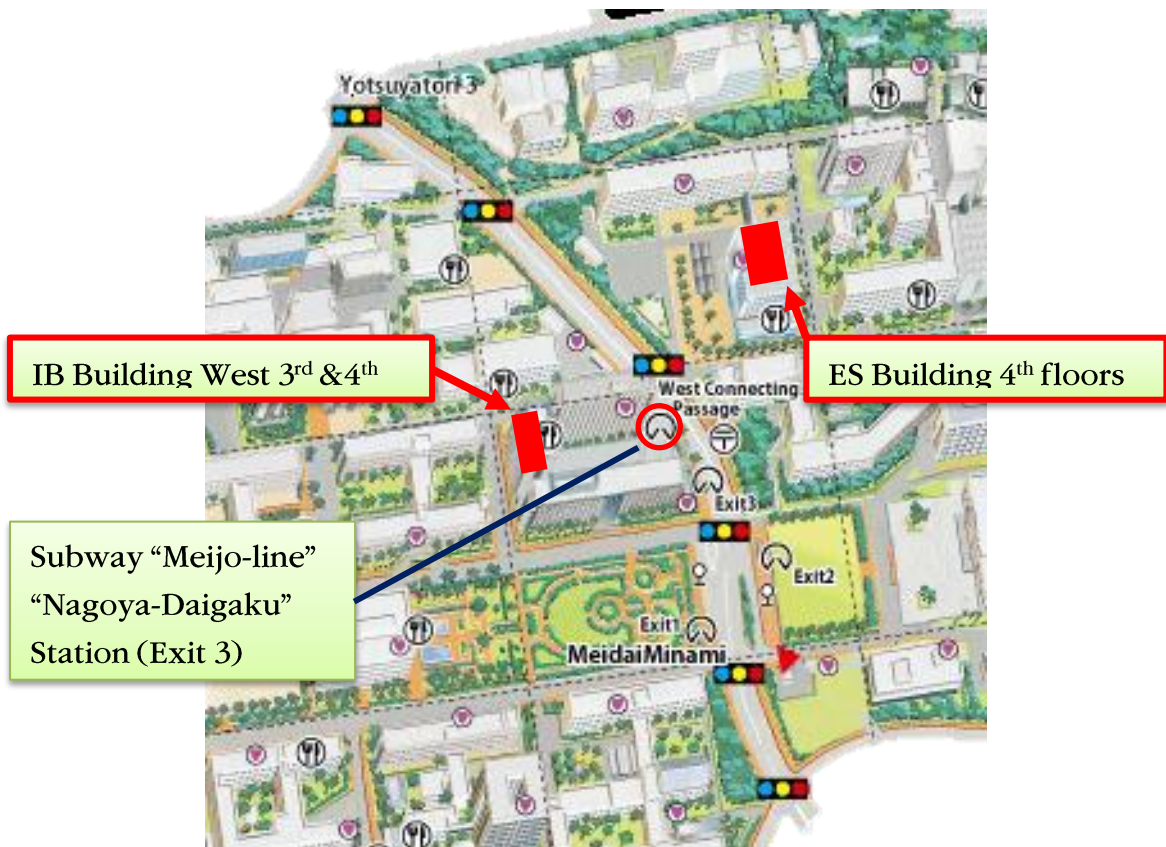


From Nagoya station

Take the Subway Higashiyama Line to Motoyama Sta. (15 minutes), then transfer to the Subway Meijo Line to Nagoya Daigaku Sta. (Higashiyama Campus is just off the subway exit.).

From Centrair (Central Japan International Airport):

Take the Meitetsu Line to Kanayama Sta. (30 min.), then transfer to the Subway Meijo Line to Nagoya Daigaku Sta. (21 min.).



Nagoya University

**PLASMA NANOTECHNOLOGY
RESEARCH CENTER**

Furo-cho, Chikusa-ku Nagoya 464-8603 JAPAN
<http://www.plasma.engg.nagoya-u.ac.jp/>