

Inamori Frontier Research Center



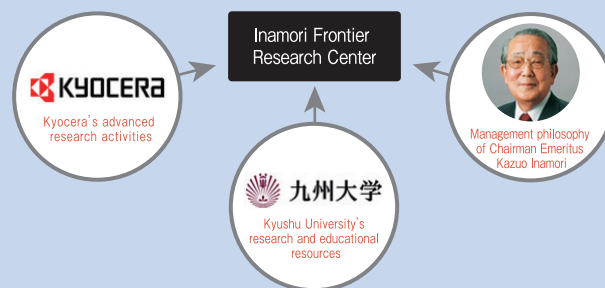
- Inamori Center building (Completed in August 2009)
- Four floors above ground, total floor space of 3,400㎡
- Inamori International Hall, Inamori Foundation Library (1F)
- Research Divisions (3-4F, 1,200㎡)

○ Center Details

Established: April 1, 2008
 Director: Masato Wakayama (Trustee and Vice President, Kyushu University)

Research Divisions: Advanced Functional Inorganic Materials Research Division
 Frontier Energy Research Division
 Advanced Biological Information Research Division
 Advanced Electronics Materials Research Division

The Inamori Frontier Research Center has been established at Kyushu University Ito campus as one of the actions to commemorate the 100th anniversary of the university, with substantial support from the Inamori Foundation and Kyocera Corporation. The center is engaged in research designed to contribute to a safer and more secure society in the future, developing and maintaining harmony between humanity and the human spirit on one hand, and technology on the other. It will also serve to provide young researchers with a place to develop and exchange ideas and information. To collaborate with other researchers of Kyushu University, the center will attract researchers from around the world, and will invite them to deepen their exchanges of knowledge and to contribute to the advancement of humanity and society.



Inamori Frontier Research Center's four research divisions widely research and develop advanced technologies to contribute to a sustainable society in the 21st Century. The Frontier Energy Research Division and the Advanced Functional Inorganic Materials Research Division, in particular, conduct advanced research closely related to hydrogen energy.

Hydrogen Energy Test and Research Center (HyTReC)



○ Outline of HyTReC

Established on March 6, 2009
 President: Shogo Watanabe
 Completion of Construction: April 2010
 Extension: April 2014
 (In order to test the large tank for hydrogen station.)
 Main Facilities: Twenty laboratories including high pressure hydrogen laboratories, a temperature exposure test laboratory, a burst and endurance test laboratory, and a vibration test laboratory (*Every laboratory has its own control room.) etc.
 Location: Itoshima-city, Fukuoka (Itoshima Research Park)

Development and clustering of new hydrogen energy businesses will facilitate the pursuit of lower costs and higher performance in every related product. This can be achieved by encouraging the participation of a broad spectrum of companies, which will in turn create a competitive environment. For private sectors to enter into the new hydrogen energy industry successfully, it is essential to have an access to product testing in hydrogen environment in order to demonstrate the performances and the reliabilities of their products. However, the large initial investment of hydrogen testing equipment is inhibiting their participation in this new business.

HyTReC will provide materials and component testing services that were previously unavailable in Japan; this will assist the private sectors in their efforts in product development, utilizing the world-leading expertise of HYDROGENIUS in Kyushu University.

Furthermore, in HyTReC, you can test all the products from small components such as valves and sensors to large scale hydrogen storage containers.

It is our sincere wish that as many companies as possible will take advantage of the effective and efficient product R&D environment we offer. HyTReC is here to contribute to the development of new hydrogen energy industries in Japan.

