

Completion of the Akasaki Institute—October 20, 2006

Communicating the results of scholarship and research to the global community as an important base for cooperation between academia, government, and industry

In the fall of 2006, the construction of the long-anticipated the Akasaki Institute, was completed. The main building was constructed with the purpose of introducing and disseminating the achievements of University Professor Isamu Akasaki and his world-leading research and development of high-brightness blue-light-emitting diodes (LEDs) not only to those within the university itself but to the community at large. History of the research and development of blue LEDs as well as various products that utilize this technology are on display in the first floor showroom. This research can be applied to a wide range of technology, including traffic lights, large-scale display monitors, cellular-phone backlights, and next generation optical discs. This display illustrates the great significance of Professor Akasaki's work as a contribution to the advancement of science as well as its effect of his research on society as a whole.

The main building also has a role as a place for the transmission of the importance of academic creation to the young generation and to seek out new academic ideas for the coming future. For this purpose, the two adjoining facilities, a venture business laboratory measuring the development of human resources and a facility to nurture and develop new concepts, comprise the "Industry-Government-Academia Cooperation Zone." In the main building, in addition to the establishment of an office for the promotion of the academia, government, and industry collaboration, we have also set up laboratory facilities available for rent

to the public for the purposes of fostering the next generation of research and technological development. Joint projects with business and other co-operative endeavors are already making progress in this facility. Centered around the main building, these three facilities function as a systematic unit; however, their function is not only as a base for Nagoya University's academic innovation. They also have an important role as a primary base for collaboration between the university and industry for the whole Chubu area and much is expected of this center.

In the hope that Professor Akasaki's passion for research will continue as an unbroken legacy for his successors, a *yuzuriha* tree has been planted in the garden in front of the main building. The name of this tree itself is significant in that "yuzuru" means to bequeath or pass along, reflecting the hope that the professor's legacy will continue to be transmitted to future generations. A stone tablet bearing the inscription "There is no royal road to research." was also placed in the garden. It had been said in the mid twentieth century that high brightness GaN blue LEDs would never become a reality. The main building that houses the individualistic and creative imagination and pioneering spirit of Professor Akasaki who made that a reality will surely become a place for the dissemination of high-level academic results to the global community.

