Японы Ивате Их Сургуулийн Профессорууд

2015 оны 10 – р сарын 1 – с 4 нд

KONNO Kouichi

Professor
Faculty of Engineering
Department of Electrical Engineering and Computer Science

My research interest is in the method to represent three-dimensional shape on the computer. In three-dimensional shape modeling, which is a basic technology for creating fine three-dimensional graphics and images, how to represent the surface of a shape is very important in computer graphics. In general, higher order surface equations are used for complicated shape representation. There are many kinds of surface formulas and each has advantages and disadvantages. My research is therefore focused on surface representations for creating curved surfaces that can represent any kind of shape easily, geometric computing methods for three-dimensional shape models, and various applications of three-dimensional shape models.

KOBAYASHI Koichiro

Professor
Faculty of Engineering
Department of Electrical Engineering and Computer Science

My research mainly focuses to develop the magnetocardiogram measurement systems using a superconducting quantum interference device (SQUID), a highly sensitive magnetic sensor. Specifically, my researches are the design and production of control electronic circuits (digital FLL circuits) for magnetocardiogram measurement, magnetic field measurement by various magnetometers and development of analysis programs. I am also studied in developing nondestructive testing method to inspect reinforced concrete structures such as buildings and bridges after a disaster.

TANAKA Takamitsu

Professor
Faculty of Education
Arts and Crafts Education Academic Group

My research is focused on thinking creatively to break away from stereotypes by regarding designing as one realm of design in a general sense. If you seek features and functionality alone, it is difficult to depart from stereotypes. In particular, in order to be creative in generating ideas that reflect social needs, the emancipation of ideas is an important factor. I also conduct applied research on methods for joining components, with a particular focus on joints for furniture. At the graduate school, students are required not only to seek a design philosophy but also to propose specific design methodologies, which will be verified through joint researchwith business, industry, and government.

MATSUYAMA Katsutsugu

Assistant Professor
Faculty of Engineering
Department of Electrical Engineering and Computer Science

My research interests focus on interaction techniques of graphic representation (diagram). As evolving information media from printed literature to computer, exploring new interaction ways is interesting. I mainly select world maps and globes as a subject. I also research real-time animation techniques for real-time system such as virtual reality and have developed techniques for expressing natural phenomena of trees, spark discharge, etc.

- Эрдэм шинжилгээний ажлуудынхаа талаар танилцуулна
- Сургууль хоорондын хамтын ажиллагааны талаар зөвлөлдөнө
- Хамтарсан судалгааны талаар ярилцана
- Оюутан сургах боломж, нөхцлийн талаар тайлбарлана