

Nara Institute of Science and Technology

Research advisor / Graduate School of Information Science, Associate professor

MANABE Yoshitsugu

Former international student / Dr. Shiyong Li (China)

◆Profile (Former international student)◆

Nationality: China

Educational Background in Japan:

April 2002 – March 2004

Graduate School of Information Science, Nara Institute of Science and Technology (Master)

April 2004 – March 2007

Graduate School of Information Science, Nara Institute of Science and Technology (Doctor)

Present Institution / Status:

School Of Computer Communication, Hunan University / Lecturer

◆Follow-up Research Fellowship◆

Period: August 23, 2009 – August 29, 2009 (7 days)

Institution: School Of Computer Communication, Hunan University

Field of Research Guidance: Imaging / Image Processing



Professor Manabe (left) and Dr. Shiyong Li (right)

◆Research advisor's Impressions for the former International student while studying in Japan◆

Ms. Shiyong Li was a graduate of liberal arts, so she had concerns regarding the programming, physics and mathematics. However she studied hard, and worked in good faith for her research. Graduate School of Information Science, Nara Institute of Science and Technology to which she belonged is accepting students actively in other fields, and offers education for students of non-information field. But she beat the odds and got a PhD by her determination changes from the liberal arts to the sciences course and eagerness to research of digital archive. Sometimes she persisted in her belief by her strenuous study, I remember the heated debate with her how to study. I have the impression that she was a little stubborn, but I believe that study with all her heart is very important qualification as researcher while taking good care of her own idea for the problem.

◆Communication after studying in Japan◆

In college of Computer and Communication, Hunan University to which Dr. Shiyong Li belongs, image processing has not been much research, so I was hearing she has difficulties in start-up of new research. She is making an effort can be considered in the current environment. After returning, she has submitted her results that she researched in school to English journal, and her paper was published.

After returning, we have been discussing about her research by only e-mail, so I cannot give her detailed advices about her ideas of new research, research method fit to her equipments and so on. Under the circumstances, she has proposed me the visiting and direct supervises by Follow-up Research Guidance of JASSO. I would like to thank the JASSO that gives the valuable opportunity.

◆Further Cooperation and Communication◆

Graduate School of Information Science, Nara Institute of Science and Technology is going to introduce new spectral imaging system. We are planning to collaborate on research of digital archiving of sandstone painting produced Hunan artist using the new system.

Changsha is a Chinese national historical city, and has many research targets (old street, monuments, cultural assets etc.) of digital archive. In future, we are promoting our collaborative work and research exchange, and we want to develop new method in imaging, image processing, computer graphics and so on. For this, I would like to build the close cooperation between Hunan University and NAIST according to realize inviting her and her students to Japan and visiting to Hunan university.

◆Further Cooperation between institutions◆

In this visiting, I have proposed academic exchange between Hunan university and NAIST when exchange of opinions with dean of collage of Computer and Communication. Also the staff of the collage are hoping research collaboration in field of information science especially image engineering when exchange of opinions with their. I would like to continue research exchange.

Moreover, in seminar I introduced leading-edge trend of researches of image processing and computer vision in Japan and the researches in graduate of school of information science, NAIST. I think they are interested in NAIST and the researches in Japan. In future, I would like to achieve a stronger cooperation by enforcing China-Japan joint seminar, research collaboration and academic exchange visiting by staff and student exchange.

◆Impression of this program by Former International student◆

現在勤務している湖南大学は研究環境が留学先である奈良先端科学技術大学院大学とは大きく異なる。現有の研究環境や研究機材に合わせた研究テーマ選定と研究方法についてご指導をいただき、それに、留学先である大学との共同研究を行うご提案をいただいた。そのため、研究への熱意と自信を取り戻すことができた。今回の事業実施により、本人だけではなく、湖南大学の教師と学生まで、画像処理とコンピュータビジョン研究の最新動向を確かめ、本研究分野への興味を深めることができた。心より感謝している。



Dr. Shiyong Li and her students



Seminar at Hunan University