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Personal Information

Date of Birth: 24 Apr 1981

Male

Education

Mar 2008	Ph.D. of Engineering in Nara Institute of Science and Technology, Japan
Sep 2005	Master of Engineering in Nara Institute of Science and Technology, Japan
Mar 2004	Bachelor of Engineering in National Institute for Academic Degrees and University Evaluation, Japan (Studied at Faculty of Engineering, Nara National College of Technology, Japan)

Work Experience

Oct 2012-	Assistant Professor, Graduate School of Engineering Science, Osaka University, Japan
Sep 2012-	Part-time Lecturer, Kansai University, Japan
Jun 2011- Jun 2012	Visiting Research Professor, University of Oulu, Finland
Sep 2010-Mar 2011	Part-time Lecturer, Kansai University, Japan
Apr 2009-Sep 2012	Assistant Professor, Graduate School of Information Science, Nara National Institute of Science and Technology, Japan
Apr 2008-Mar 2009	Research Fellowship for Young Researchers (PD), Japan Society for the Promotion of Science
May 2007-Nov 2007	Researcher, University of Oulu, Finland
Apr 2007-Mar 2008	Research Fellowship for Young Researchers (DC2), Japan Society for the Promotion of Science
Oct 2006-Jan 2007	Assistant, Faculty of Culture and Information Science, Doshisha University, Japan

Oct 2005-Mar 2007 Researcher, Graduate School of Information Science, Nara
Institute of Science and Technology, Japan

Research Interests

- Human-Computer Interaction
- Augmented/Mixed Reality
- Medical and Welfare Image Processing
- Image-based Three-dimensional Measurement
- Computer Vision and Pattern Recognition

Awards

- Konica Minolta Imaging Science Foundation (Mar 2010)
- Repayment Exemption for Scholarship: Japan Student Services Organization (50%, Doctoral Course) (Apr 2008)
- Repayment Exemption for Scholarship: Japan Student Services Organization (100%, Master's Course) (Apr 2006)
- Award for Encouragement: The Institute of Systems, Control and Information Engineers (May 2006)
- Award for Encouragement: Kansai-Section of the Institute of Electronics Information and Communication Engineers (Apr 2004)
- Best Research Award: Faculty of Engineering, Nara National College of Technology (Mar 2004)
- Award for Testimonial: Kansai-Section of the Institute of Electronics Information and Communication Engineers (Mar 2004)
- Award for Encouragement: Kansai-section Joint Convention of Institutes of Electrical Engineering (Mar 2004)

Awards for His Students

- Good Presentation Award: Symposium on Color Information 2010 (Nov 2010)
- Award for Encouragement: The Institute of Systems, Control and Information Engineers (Oct 2007)
- Award for Encouragement: Information Processing Society of Japan Kansai Branch (May 2008)

Grants

Apr 2012-	Grant-in-Aid for Young Scientists (B)
Apr 2010-Mar 2012	Grant-in-Aid for Young Scientists (B)
Apr 2007-Mar 2009	Grant-in-Aid for JSPS Fellows

Selected Publications

Book (Japanese)

1. OpenCV 2 Programming Book Team, **"OpenCV 2 Programming Book"**, Mainichi Communications (Dec 2011)
2. OpenCV Programming Book Team in Nara Institute of Science and Technology, **"OpenCV Programming Book - The 2nd Edition"**, Mainichi Communications (Jul 2009)

Reviewed Papers (Japanese)

1. Masao Miyake, Yoshitsu Manabe, **Yuki Uranishi**, Sei Ikeda, and Kunihiro Chihara, "Presentation System of Color and Pattern on Clothes for Visually Impaired Person", The Color Science Association of Japan, Vol. 36, No. 1, pp. 3-14 (2012.3) in Japanese
2. Masataka Imura, **Yuki Uranishi**, Sei Ikeda, Yoshitsugu Manabe, Osamu Oshiro and Kunihiro Chihara, "Heijo-kyo Walk-through -Versatile System for Virtual Space Strolling-", The Journal of the Society for Art and Science, Vol. 10, No. 4, pp. 215-225 (2011.12) in Japanese
3. Yuri Kimura, Yoshitsugu Manabe, **Yuki Uranishi** and Kunihiro Chihara, "A Wind Pressure Display for Makeup Support", Journal of The Institute of Image Information and Television Engineers, Vol. 64, No. 12, pp. 1884-1891 (Dec 2010)
4. **Yuki Uranishi**, Takashi Imamura, Yoshitsugu Manabe, Hiroshi Sasaki and Kunihiro Chihara, "Overlayable Transmissive Planar Color Markers", Journal of Virtual Reality Society of Japan, Vol. 15, No. 2, pp. 125-134 (Jun 2010)
5. **Yuuki Uranishi**, Mika Naganawa, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe and Kunihiro Chihara, "Three-Dimensional Measurement System Using a Cylindrical Mirror", Transaction on Computer Vision and Image Media, (IPSJ), Vol. 47, No. SIG10 (CVIM15), pp. 143-151 (Jun 2006)

Conference Papers

1. Asahi Suzuki, Yoshitsugu Manabe, Noriko Yata and **Yuki Uranishi**, "Overlayable and Rotation-free Transmissive Circular Color Marker for Augmented Reality", IS&T's 6th European Conference on Colour in Graphics, Imaging (CGIV 2012), pp. 115-120 (2012.5)
2. **Yuki Uranishi**, Goshiro Yamamoto, Hirokazu Kato and Petri Pulli, "Re-PITASu Concept: Touch-based Interaction Using Range Image Sensor with Image Projected onto Wall Surface", Proceedings of the 21st International Conference on Artificial Reality and Telexistence (ICAT2011), p. 141 (Nov 2011)
3. **Yuki Uranishi**, Goshiro Yamamoto, Hirokazu Kato and Petri Pulli, "Re-PITASu Concept in Mixed Reality: Rangeimage-Projector based Visualization Tool for Arbitrary Surfaces", Proceedings of the 10th IEEE International Symposium on Mixed and Augmented Reality (ISMAR2011) Workshop: Visualization in Mixed Reality Environment (Oct 2011)
4. Goshiro Yamamoto, Ichiroh Kanaya, Keiko Yamamoto, **Yuki Uranishi**, Hirokazu Kato, "Visualization of Geometric Properties of Flexible Objects for Form Designing",

Proceedings of the International Symposium on Mixed and Augmented Reality (ISMAR11), pp.277 -278 (Oct 2011)

5. Sei Ikeda, **Yuki Uranishi**, Yoshitsugu Manabe and Kunihiro Chihara, "FireVolleyball: Multi-player Interactive Game Providing a Sense of Touching Fire", Proceedings of the ACM Multimedia 2010 (Oct 2010)
6. Toshihisa Yamahata, **Yuki Uranishi**, Hiroshi Sasaki, Yoshitsugu Manabe and Kunihiro Chihara, "Granular Materials Rendering based on Radiance Caching", Poster Presentation at SIGGRAPH ASIA 2009 (Dec 2009)
7. **Yuki Uranishi**, Akimichi Ihara, Hiroshi Sasaki, Yoshitsugu Manabe and Kunihiro Chihara, "Real-time Representation of Inter-reflection for Cubic Marker", Proceedings of the 10th International Symposium on Mixed and Augmented Reality (ISMAR09), pp.217-218 (Oct 2009)
8. Hideki Shimada, Minoru Ikebe, **Yuki Uranishi**, Masayuki Kanbara, Hideki Sunahara and Naokazu Yokoya, "Design and Implementation of Wireless LAN System for Airship", Proceedings of International Symposium on Distributed Computing and Artificial Intelligence (DCAI2009) (Jun 2009)
9. **Yuki Uranishi**, Sei Ikeda, Hideki Shimada, Yoshitsugu Manabe and Kunihiro Chihara, "Proposal of Wireless LAN Antenna Using Image-based Tracking", Proceedings of International Workshop on Advanced Image Technology (IWAIT2009), Electronic Proceedings (Jan 2009)
10. **Yuuki Uranishi**, Muneyuki Sakata, Ismail Arai, Yoshitsugu Manabe, Hideki Sunahara and Kunihiro Chihara, "Book Management System Using Various Sensor Network", Proceedings of International Workshop on Advanced Image Technology (IWAIT2008), B6-4, Electronic Proceedings (Jan 2008)
11. Ismail Arai, **Yuuki Uranishi**, Muneyuki Sakata, Kazutoshi Fujikawa, Hideki Sunahara and Kunihiro Chihara, "Next Generation Library: Automatic Book Management System with Ubiquitous Sensors", Demonstration at Fifth annual IEEE International Conference on Pervasive Computing and Communications (PerCom2007) (Mar 2007)
12. **Yuuki Uranishi**, Mika Naganawa, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe and Kunihiro Chihara, "Whole Shape Measurement System Using a Single Camera and a Cylindrical Mirror", Proceedings of the 18th International Conference on Pattern Recognition (ICPR2006), Vol. 4, pp. 866-869 (Aug 2006)
13. **Yuuki Uranishi**, Mika Naganawa, Yoshihiro Yasumuro, Masataka Imura, Yoshitsugu Manabe and Kunihiro Chihara, "Three-Dimensional Measurement System Using A Cylindrical Mirror", Proceedings of the 14th Scandinavian Conference on Image Analysis (SCIA2005), pp. 399-408 (Jun 2005)

Skills

OpenCV, C/C++, Point Cloud Library, OpenGL