Xinwei Xue

Curriculum Vitae

School of Software Technology
Dalian University of Technology, Dalian, P.R. China
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Work Experiences

2014/07–Now   Digital Media Technology Department, Software School, Dalian University of Technology, P.R.China, Lecturer

2013/09–2014/03 Waseda University, Graduate School of Information, Production and Systems, Japan, Research Associate

Educations

2010/04–2013/09 **Waseda University**, Graduate School of Information, Production and Systems, Japan, Ph.D. of Engineering .

2008/04–2010/03 **The University of Kitakyushu**, Graduate School of Environmental Engineering, Information Engineering, Japan, Master of Engineering.

2004/04–2008/03 **The University of Kitakyushu**, The faculty of Environmental Engineering, Japan, Bachelor.

Areas of Research Interest

Image Processing **(**Watermarking for HDR Image**)**

Video Processing (Weather detection and Removal from video)

Courses

Data base (since 2014)

Design Patterns (since 2015)

Modeling with UML (since 2016)

Selected Publications

1. **Xinwei XUE**, Xin JIN, Chenyuan ZHANG, Satoshi GOTO, " Joint Feature based Rain Detection and Removal from Videos", IEICE TRANSACTIONS on Circuit, System, and Computer Technologies, 9pages,2013/6, (SCI: 000320014500022   EI: 20132416409621)

2. **Xinwei XUE**, Takao JINNO, Xin JIN, Masahiro OKUDA, Satoshi GOTO,"Watermarking for HDR Image Robust to Tone Mapping", IEICE TRANSACTIONS on Fundamentals of

Electronics, Communications and Computer Sciences Vol.E94-A No.11 pp.2334-2341, 8 pages, 2011/11. (SCI:　000296673300033 EI: 20114514491521)

3. Takao JINNO, Hironori KAIDA, **Xinwei XUE**, Nicola ADAMI, Masahiro OKUDA, "μ-Law Based HDR Coding and Its Error Analysis", IEICE transactions on fundamentals of electronics, communications and computer sciences **Vol.E94-A No.3** pp.972-978, 7 pages ,2011/3. (SCI: 000290125700009 EI: 20111012720159)

4. Jiu Xu, Ning Jiang, **Xinwei XUE**, Heming Sun, Wenxin Yu and Satoshi Goto, "Multi-scale Bidirectional Local Template Patterns for Real-time Human Detection", IEEE 15th International Workshop on Multimedia Signal Processing(MMSP), page 379-383, Pula, Italy, September 30-October 2, 2013.（EI: 20140417229611）

5. **Xinwei XUE**, Xin JIN, Chenyuan ZHANG, Satoshi GOTO, " Motion robust rain detection and removal from videos", 2012 IEEE 14th International Workshop on Multimedia Signal Processing (MMSP2012), pp. 170 – 174, 17-19 Sept. 2012. (EI: 20125015784912)

6. Chenyuan ZHANG, Axel Beaugendre, Jiu XU, **Xinwei XUE** and Satoshi GOTO, "A novel KLT-based Sacle Feature Applied for Scale Adaptation in Crowded Scenes", The 11th Asian Conference on Computer Vision(ACCV 2012), November 5-9,2012

7. **Xinwei XUE,** Masahiro OKUDA, Satoshi GOTO, "Bilateral Filtering Based Watermarking for High Dynamic Range Image", 2011 IEEE 19th International Symposium on Intelligent Signal Processing and Communication Systems, ISPACS2011, pp1-5, 5 pages, Dec 7-9, 2011. (EI: 20120914809709)

8. **Xinwei XUE,** Takao JINNO, *Masahiro OKUDA,* Satoshi GOTO,"μ-Law Based Watermarking for HDR Image Robust to Tone Mapping", the Asia Pacific Signal and Information Processing Association, APSIPA ASC 2011, PID:199,pp1-4, 4 pages , Oct.18-22,2011. (EI: 20124015499601)

9. **Xinwei XUE,** Takao JINNO, Masahiro OKUDA, "A study on high dynamic range image watermarking robust to tonemapping," International Workshop on Advanced Image Technology (IWAIT), Session P2, pp.1-4, 4 pages, Jan, 2010.

10. Nagisa Sugiyama, Hironori Kaida, **Xinwei XUE,** Takao Jinno, Nicola Adami, Masahiro Okuda, "HDR IMAGE COMPRESSION USING OPTIMIZED TONE MAPPING MODEL", IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), pp.1001–1004, 4 pages , 19-24 April 2009. (EI: 20093912338450)