

# Xiao-Yong Wei

PhD, Professor, Department Head

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RESEARCH INTERESTS	Multimedia Computing, Large-Scale Data Mining, Computational Linguistics, Pattern Recognition and Machine Learning	
PROFESSIONAL EXPERIENCE	<b>Professor</b> , Sichuan University, Chengdu, China <b>Postdoctoral Fellow</b> , University of California, Berkeley, USA <b>Associate Professor</b> , Sichuan University, Chengdu, China <b>Senior Research Associate</b> , City University of Hong Kong <b>PhD Student</b> , City University of Hong Kong <b>Master Student</b> , Yunnan University, China <b>Manager of Software Department</b> , Yunnan Para Telecom Ltd., China	Dec., 2015 – present Dec., 2013 – Feb., 2015 Oct., 2009 – Dec., 2015 Feb., 2009 – Nov., 2010 Feb., 2006 – Feb., 2009 Sep., 2002 – Dec., 2005 July, 2000 – Sep., 2002
SELECTED PUBLICATIONS	<b>JOURNALS</b> <b>Xiao-Yong Wei</b> , Zhen-Qun Yang, Chong-Wah Ngo, Wei Zhang, “Visual Typo Correction by Collocative Optimization – A Case Study on Merchandize Images”, <i>IEEE Transactions on Image Processing</i> , vol. 23, no. 2, pp. 527-540, 2014 <b>Xiao-Yong Wei</b> , Zhen-Qun Yang, “Coaching the Exploration and Exploitation in Active Learning for Interactive Video Retrieval”, <i>IEEE Transactions on Image Processing</i> , vol. 22, no. 3, pp. 955-968, 2013 <b>Xiao-Yong Wei</b> , Yu-Gang Jiang, Chong-Wah Ngo, “Concept-Driven Multi-Modality Fusion for Video Search”, <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , vol. 21, no. 1, pp. 62-73, 2011 <b>Xiao-Yong Wei</b> , Chong-Wah Ngo, Yu-Gang Jiang, “Selection of Concept Detectors Using Ontology-Enriched Semantic Space”, <i>IEEE Transactions on Multimedia</i> , Vol. 10, no. 6, 2008 <b>CONFERENCES</b> <b>Xiao-Yong Wei</b> , Zhen-Qun Yang, “Mining In-Class Social Networks for Large-Scale Pedagogical Analysis”, <i>ACM Multimedia 2012 (MM’12)</i> Nara, Japan, October 29-November 2, 2012. ( <i>Oral, Acceptance Rate: 18%</i> ) <b>Xiao-Yong Wei</b> , Zhen-Qun Yang, “Coached Active Learning for Interactive Video Search”, <i>ACM Multimedia 2011 (MM’11)</i> Scottsdale, Arizona, USA, November 28-December 1, 2011. ( <i>Oral, Acceptance Rate: 17%</i> ) <b>Xiao-Yong Wei</b> , Chong-Wah Ngo, “Fusing Semantics, Observability, Reliability and Diversity of Concept Detectors for Video Search”, <i>ACM Multimedia 2008 (MM’08)</i> Vancouver, Canada, Oct. 2008 ( <i>Oral, Acceptance Rate: 18%</i> ) <b>Xiao-Yong Wei</b> , Chong-Wah Ngo, “Ontology-enriched Semantic Space for Video Search”, <i>ACM Multimedia 2007 (MM’07)</i> , Augsburg, Germany, Sep. 2007 ( <i>Oral, Acceptance Rate: 19%</i> )	
TALKS	“Wisdom of Crowds in Multimedia Computing”, Nokia Research Center, Finland, Sep., 2013 “Coached Active Learning for Interactive Video Research”, ACM Multimedia 2011, Scottsdale, Arizona, USA, Nov., 2011 “Semantic-based Video Search – Towards the Next Generation of Multimedia Computing”, University of Electronic Science and Technology, China, Nov., 2009 “Ontology-Enriched Semantic Space”, ACM Multimedia 2007, Augsburg, Germany, Sep., 2007 “Recent Advances in Multibiometrics”, Southwest Jiaotong University, Chengdu, China, Aug., 2005	
SERVICES	Technical Committee Member: ACM MM, ICME, CIVR Reviewer: TIP, TMM, ACM MM, ICME, CIVR	