

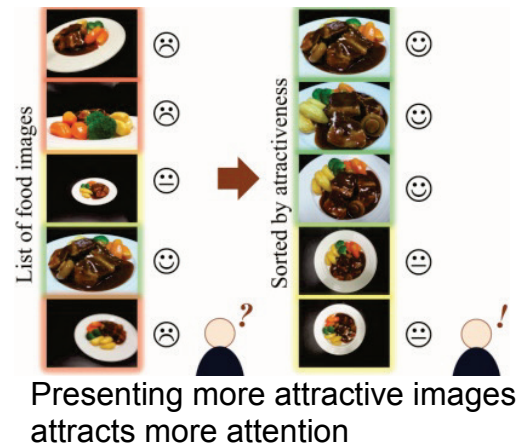
Microsoft Research

Japan·Korea Academic Day 2016

Professor Talks*

University	Nagoya University, Japan	
Professor	Ichiro IDE	
Short Bio	<p>Ichiro IDE received his Ph.D. in 2000 from The University of Tokyo, Japan. He has worked as an Assistant Professor at the National Institute of Informatics, Tokyo, Japan, during 2000 and 2004. He is currently an Associate Professor at Nagoya University, Japan. He was an Invited Professor at IRISA, France in 2005, 2006, and 2007, a Senior Visiting Researcher at University of Amsterdam, the Netherlands from 2010 to 2011.</p> <p>He has been working on the analysis, indexing, and structuring of various kinds of video data including news, cooking, and sports shows, video streams obtained from mobile-phone, social-network, in-vehicle and surveillance cameras.</p> <p>He has served in various program committees for conferences such as ACMMM (2008–2013, 2015–), CIKM (2014–), CVPR (2015–), ICCV (2015–), ICIP (2015–), ICME (2009–), ICMR (2011–), ICPR (2010–), MMM (2012–), and also in organizing committees of conferences such as PCM (2004), MMM (2008), ACMMM (2012, 2013), ICMR (2014, 2018), MVA (2015, 2017), and BigMM (2015, 2017). Since 2015, he is serving as the Chair of Special Interest Group on Cooking and Eating Activities (CEA) under IEICE’s Human Communication Group (HCG).</p>	
Talk title	Contents-based assessment of the aesthetics of photography	
Abstract	<p>This talk will introduce a project that aims to assess the aesthetics of especially food images whose purpose of photographing is clear (i.e. the target food should look delicious), and also whose contents are restricted and usually annotated (i.e. accompanied with dish names and/or ingredients).</p> <p>For a user publishing a cooking recipe, accompanying it with an attractive</p>	

	<p>food image is important to expose it to a larger number of viewers, while for a restaurant owner, having the most attractive food images shown out of those posted by reviewers is important to attract more customers. However, it is not necessarily easy for an amateur to photograph a visually attractive food image, and current Web services do not provide ranking functions based on the visual attractiveness of food images. In order to support such real-world demands, this project aims to establish a method that quantitatively assesses the aesthetics of food photography.</p> <p>Establishing such technology should also contribute to the understanding of aesthetics of photography in general by providing facts and intuitions yielded from the analysis on what attracts us considering the nature of the target dishes and/or ingredients from various aspects including not only visual information but also preparation steps and ingredients list in a cooking recipe, and even other sensory information in our memory such as taste, smell, and texture, acquired through personal experiences.</p>
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*Professor talks are the main session of Japan-Korea Academic Day 2016 event and consisted of 15-20 min presentation and Q&A.