

Principal Researcher	Toshikazu KATO			Number of Researchers	2	
Research Institution • Department • Title	Professor, Department of Industrial and Systems Engineering, Chuo University			Location of Institution	Tokyo	
Title of Project	Computational Modeling of Complex Kansei Processes in Real World Interaction					
Abstract of Research Project	<p>This project studies new computational modeling methodologies of Kansei processes from the aspects of</p> <p>(a) multimedia and multi-modal information processing on five senses, i.e., visual, auditory, haptic, olfactory and gustatory senses, and their mutual interaction,</p> <p>(b) situation-based and context sensitive interaction with other person as well as real world, and</p> <p>(c) dynamic modeling algorithms based on ubiquitous and continuous computation of our daily life behavior.</p> <p>This project also develops industrial design and spatial design support systems to verify the effectiveness of our methodologies.</p>					
References	<p>[1] M. Tada, T. Kato, I. Shinohara: "Similarity Image Retrieval System Using Hierarchical Classification", Proc. of 13th Database and Expert Systems Applications, DEXA 2002, pp.779-788, Sep. (2002).</p> <p>[2]T. Kato: "Human Interfaces for Multimedia Database with Visual Interaction Facilities" in "Data Science, Classification, and Related Methods," pp.632-643, Springer, Jan. (1998)</p>					
Term of Project	Fiscal years 2003-2007 . (5years)					
Budget Allocation (in thousand of yen)	FY2003	FY2004	FY2005	FY2006	FY2007	TOTAL
	12,600	11,700	12,600	12,200	9,000	58,100
Homepage Address	<a href="http://expc2.indsys.chuo-u.ac.jp/">http://expc2.indsys.chuo-u.ac.jp/</a>					