

# NICOGRAPH International 2007 in Nagoya, Japan

Conference Place: Chukyo University, Toyota, Japan

<b>DayI A.M.</b>	
10:00-10:05	Opening
10:05-11:35	SessionI Visualization & Retrieval
<b>DayI P.M.</b>	
13:00-14:30	SessionII Image & Video Processing
	- Coffee Break -
15:00-17:00	SessionIII CG Applications
18:30-	Banquet

<b>DayII A.M.</b>	
09:30-10:30	Invited Talk I
10:45-11:45	Invited Talk II
<b>DayII P.M.</b>	
13:00-14:30	SessionIV Computer Graphics
14:45-	Closing

## DayI (25th May)

Opening Talk : Hiroyasu Koshimizu(Chukyo University, Japan)
SessionI Visualization & Retrieval(10:05-11:35) Chair: Takayuki Itoh(Ochanomizu University, Japan)
<p>“Sakyo &amp; Ukyo: Visualization of Clustered Matrix Data” Haruho Tachibana and Takayuki Itoh(Ochanomizu University, Japan)</p> <p>“Particle-Based Volume Rendering of Tetrahedral Data” Jorji Nonaka, Naohisa Sakamoto, Takuma Kawamura and Koji Koyamada(Kyoto University, Japan)</p> <p>“Computing Geodesics for Large Volumetric Models” Takashi Michikawa, Ken'ichiro Tsuji and Hiromasa Suzuki(The University of Tokyo)</p> <p>“Speed-Up of Marching Diamonds and Evaluation of Methods for Isosurface Extraction from Tetrahedral Meshes” Akira Yamasaki, Yukio Yasuhara, Naohisa Sakamoto and Koji Koyamada(Kyoto University, Japan)</p> <p>“3D Shape Retrieval Using Point Spatial Distributions on the Surface” Zhenbao Liu, Jun Mitani, Yukio Fukui and Seiichi Nishihara(University of Tsukuba, Japan)</p> <p>“Exploring manifold learning algorithms for shape-based 3D model retrieval” Jun Kobayashi, Akihiro Yamamoto and Ryutarou Ohbuchi(University of Yamanashi)</p>
SessionII Image & Video Processing(13:00-14:30) Chair: Kosin Chamnongthai(King Mongkut's University of Technology Thonburi, Thailand)
<p>“Digital Image Restoration Based on Discrete Wavelet Transform” Xiaonan Jiang and Ichiro Hagiwara(Tokyo Institute of Technology, Japan)</p> <p>“A Robust Method of Facial Feature Tracking for Moving Images” Yuka Nomura(The University of Tokyo, Japan), Takayuki Itoh(Ochanomizu University, Japan) and Yasushi Yamaguchi(The University of Tokyo, Japan)</p> <p>“An Automated Video Data Compression Algorithm by Cardinal Spline Fitting” M A Khan and Yoshio Ohno(Keio University, Japan)</p> <p>“Smart Method of Analytical Curve Fitting for Facial Contour” Takayuki Hoshino, Takayuki Fujiwara, Hiroyasu Koshimizu, Yasuyo Hatano(Chukyo University, Japan)</p> <p>“Bezier Curve-Based Shape Encoding for Hand-Drawn Images” Jianmin Zheng, Hock Soon Seah, De-Wei Randall Lim(Nanyang Technological University, Singapore)</p> <p>“Quasi Multi-Baseline-Stereo Vision for Reducing Occlusion” Takashi Watanabe, Akira Kusano, Takayuki Fujiwara, Hiroyasu Koshimizu(Chukyo University, Japan)</p>

SessionIII CG Applications(15:00-17:00) Chair: Nobuhiko Mukai(Musashi Institute of Technology, Japan)
“Learning Tool aided by Haptics for Intermolecular Understanding” Shimizu Hiromi, Murayama Jun, Sato Makoto(Tokyo Institute of Technology, Japan), Sato Hiroko(National Institute of Informatics, Japan) and Chang S. Nam (University of Arkansas)
“Automatic generation of Haptic effect into an existing digital contents using metadata analysis” Takehiko Yamaguchi, Ayumu Akabane, Jun Murayama and Makoto Sato(Tokyo Institute of Technology)
“Feasible Study of Haptic Display using propeller fan” Junji Sone, Takehiko Ookami, Katsumi Yamada(Tokyo Polytechnic Univ., Japan), Kouichi Konno(Iwate University, Japan)
“MIST: A Music Icon Selector Technique Using Neural Network” Mizuho Oda and Takayuki Itoh(Ochanomizu University, Japan)
“Natural Music Composition from Human Motion Capture based on Music Theory” Thanakorn Banmai, Rachada Kongkachandra(Thammasat University, Thailand) and Kosin Chamnongthai(King Mongkut’s University of Technology Thonburi, Thailand)
“Heart Rate Control method for a Fitness Game” Soh Masuko(University of Tsukuba, JSPS-DC) and Junichi Hoshino(University of Tsukuba, JST)
“COLLECTIVE BODY: Real-time Special Visual Effects System with 3D Scanning Technology” Toshitaka Amaoka(Meisei University/Tokyo Institute of Technology, Japan), Suguru Saito and Masayuki Nakajima( Tokyo Institute of Technology, Japan)
“Consideration of shape generated by using dilatancy phenomenon” Yoshimasa Kato and Yuichi Ito(Chukyo University, Japan)

## DayII (26th May)

Invited Talk I(09:30-10:30) Chair: Prof. Masao Kohmura (Chukyo University, Japan)
“Prospecting Something Beyond Media” Prof. Yoshiyasu Suzuka(Kyoto University of Art and Design)
Invited Talk II(10:45-11:45) Chair: Masayuki Nakajima(Tokyo Institute of Technology, Japan)
“Simulating Biped Behaviors from Human Motion Data” Jehee Lee(Seoul National University, Korea)
SessionIV Computer Graphics(13:00-14:30) Chair: Hock Soon Seah(Nanyang Technological University, Singapore)
“A Generation Method of Sandy Beach with a Sand Proof Fence” Nobuhiko Mukai, Masaki Teshima and Makoto Kosugi(Musashi Institute of Technology, Japan)
“3D Animation of Aerial Firework Reconstructed from Single Image” Michio Shiraishi, Mikio Shinya and Rikiya Watanabe(Toho University)
“Paper Fracture Simulation Based on FEM” Takao Sato, Makoto Fujisawa, Kenjiro T. Miura
“Wavelet based Keyframe Extraction Method from Motion Capture Data” Xin Wei(Saitama University), Kunio Kondo(Tokyo University of Technology), Kei Tateno, Tetsuya Shimamura(Saitama University) and Toshihiro Konma(Shobi University)
“Intuitive Path-based Camera Control for Dynamic Scenes” Aritoki Kawai(The University of Tokyo, Sony Computer Entertainment Inc.), Tsuneya Kurihara(The University of Tokyo, Central Research Laboratory, Hitachi, Ltd.) and Tomoyuki Nishita(The University of Tokyo)
“Image Based Lighting with Near Light Sources” Shiho Furuya and Takayuki Itoh(Ochanomizu University, Japan)
Closing <div style="text-align: right;">Masayuki Nakajima(Tokyo Institute of Technology, Japan)</div>