program (ver080519)
May 30th and 31st

NICOGRAPH International 2008 in Pattaya, Thailand

Conference Place: Jomtien Palm Beach Hotel & Resort

DayI(5/30) A.M.		
09:30-09:40	Opening	
	Invited Talk1	
	– Coffee Break –	
10:40-12:00	SessionI Virtual Reality	SessionII Visualization
DayI P.M.		
13:20-	Poster Session	
13:40-15:00		SessionIII Animation
	– Coffee Break –	
	Invited Talk2	
15:50-16:50	SessionIV Non-Photorealistic Rendering	SessionV CG Applications I
	– Coffee Break –	
17:10-18:30	SessionVI Image Processing	SessionVII CG Applications II
18:30-	Banquet	

DayII(5/31) A.M.	
09:40-10:20	Invited Talk III
10:40-12:00	SessionVIII Applications
12:00-	Closing

Invited Talks

Invited Talk I((5/30)09:40-10:20)
Chair: Kosin Chamnongthai(King Mongkut University of Technology Thonburi, Thailand)

“”
Martin Locker(Associate Dean of Asian University)

Invited Talk II((5/30)15:20-15:50)
Chair: Tomoyuki Nishita(The University of Tokyo, Japan)

“”

Invited Talk III((5/31)09:40-10:20)
Chair: Masayuki Nakajima(Tokyo Institute of Technology, Japan)

“CACAni: Innovations in Computer Animation”
Seah-Hock Soon(Nanyang Technological University, Singapolre)

DayI (30th May)

Opening Talk : Kosin Chamnongthai(King Mongkut University of Technology Thonburi, Thailand)

SessionI Virtual Reality(10:40-12:00)
Chair: Naoki Hashimoto(Tokyo Institute of Technology, Japan)

“The Virtual Catalogue”
Pramual Suteecharuwat and Supaporn Sapanuratana(Chulalongkorn University, Thailand)

“CRAYON – A 3D Solid Modeling System on the CAVE”
Mikiko Koike and Mitsunori Makino(Chuo University, Japan)

"Designing Bicycle Ride-through in Virtual Cities Created on a CAVE"
Seiichi Nishihara(University of Tsukuba, Japan), Kazunori Mizuno(Takushoku University, Japan), Shunsuke Yamato and Yukio Fukui(University of Tsukuba, Japan)

"A Representation of Human Visual Acuity on an Immersive Projection Display"
Yukihiro Ishibashi and Mitsunori Makino (Chuo University, Japan)

SessionII Visualization(10:40-12:00)

Chair: Santi Laohaburankakit(ACM SIGGRAPH Bangkok, Vice Chair)

"A Molecular Orbital Iso-surface Viewer Based on Texture Image Processing"
Takatoshi Naka, Mamoru Endo, Masashi Yamada, Shinya Miyazaki, Yasuyo Hatano and Shigeyoshi Yamamoto(Chukyo University, Japan)

"A Calculation and Visualization of Attention with Walkers' Eye Movement based on Human Vision"
Koji Nakayoshi and Mitsunori Makino(Chuo University, Japan)

"Rating Puzzle Ring Difficulty Based on the Configuration Space Complexity"
Akira Iwase, Shigeki Suzuki, Takatoshi Naka, Masashi Yamada, Mamoru Endo and Shinya Miyazaki(Chukyo University, Japan)

"Modeling and Animation of 3D Origami Using Spring-mass Simulation"
Yohsuke Furuta, Jun Mitani and Yukio Fukui(University of Tsukuba, Japan)

Poster Session(13:20-15:00)

Chair: Seiichi Nishihara(University of Tsukuba, Japan)

"Direct 3-D Shape Recovery from Motion based on Multi-Scale Bayesian Network"
Jyunya Kawaguchi, Tomoharu Kusui, Kan Okubo and Norio Tagawa (Tokyo Metropolitan University, Japan)

"High Accurate Motion Detection based on First and Second Order Gradient Equations"
Kunihiko Ishikawa, Masaya Ikeda, Kan Okubo and Norio Tagawa (Tokyo Metropolitan University, Japan)

"Handy Texture-Mapping of a 2-D Real Image onto Virtual Object Surfaces"
Kenichiro Sashida, Kaori Kanouga, Kenji Ishimori and Minoru Ito (Kogakuin University, Japan)

"Hidden-Area Restoration Technique for Object Manipulation in MR Spaces"
Yuta Kumazawa, Kenji Ishimori and Minoru Ito (Kogakuin University, Japan)

"Falling down simulation of an elderly person during walking with a computer mannequin"
Joe Umeno, Yukio Fukui, Jun Mitani and Seiichi Nishihara (University of Tsukuba, Japan)

"Urban Traffic and Pedestrians Flow Simulation in Virtual City Spaces"
Kazunori Mizuno, Kohsuke Fujishima(Takushoku University, Japan), Yukio Fukui and Seiichi Nishihara(University of Tuskuba, Japan)

"A Presentation of Sense-of-touch with a Combination of Haptic and Tactile Sensations for Immersive Virtual Environments"
Naoki Hashimoto, Yuichiro Iio and Makoto Sato (Tokyo Institute of Technology, Japan)

"Relation Between the Strength of Video and the Convergence Angle in Streoscopic Viewing"
Naoya Suzuki, Yoshifumi Takahashi(Utsunomiya University, Japan), Hisashi Oguro(Utsunomiya University/Toppan Printing Co.,Ltd, Japan), Guo Sumei(Toppan Printing Co.,Ltd, Japan), Mie Sato, Miyosi Ayama, Masao Kasuga(Utsunomiya University, Japan)

"Animated Computer-Generated Cylindrical Hologram"
Takeshi Yamaguchi, Maeno Yuuichi, Tomohiko Fujii and Hiroshi Yoshikawa (Nihon University, Japan)

"Report of Interactive Art Education Using MINDSTORMS NXT"
Hidekazu Tsujiai(University of Toyama, Japan)

"Computer Animation of Creatures in a Deep Sea"
Naoya Murakami(Olympus Software Technology Corp., Japan) and Shin-ichi Murakami(Tokyo Denki University, Japan)

SessionIII Animation(13:40-15:00)

Chair: Hock-Soon Seah(Nanyang Technological University, Singapore)

"Simulation of Broad Leaves Deforming in Wind Field"
Shaojun Hu, Tadahiro Fujimoto and Norishige Chiba (Iwate University, Japan)

"An Information Visualization Style of Actual Running data with Animal Characters"
Xiaodong Du, Harinda Jayasinghe and Kazunori Miyata (Japan Advanced Institute of Science and Technology, Japan)

"Simulation of Interactions Between Fluids and Granular Materials with Wetting Effects"
Witawat Rungjiratananon, Yoshihiro Kanamori and Tomoyuki Nishita (The University of Tokyo, Japan)

"Automatic Generation of Drum Performance Based on the MIDI Code"
Shigeki Suzuki, Mamoru Endo, Masashi Yamada and Shinya Miyazaki (Chukyo University, Japan)

SessionIV Non-Photorealistic Rendering(15:50-16:50)

Chair: Tadahiro Fujimoto(Iwate University, Japan)

"A Three-Dimensional Image Creation by Using Quasi-Depth Information from an Ukiyoe"
Makoto Kosugi, Ayako Hirai and Nobuhiko Mukai (Musashi Institute of Technology, Japan)

"Performance Evaluation of Facial Caricaturing System PICASSO-2 and Its Enforced Method"
Takayuki Hoshino, Takuma Funahashi, Takayuki Fujiwara, Hiroyasu Koshimizu and Yasuo Hatano(Chukyo University, Japan)

"3D Painting via Polycube Geometry Images"
Huiqin Gu, Ying He, Hock-Soon Seah, Feng Tian (Nanyang Technological University, Singapolre)

SessionV CG Applications I(15:50-16:50)

Chair: Mie Sato(Utsunomiya University, Japan)

"A Method of Composing "Plot" for Scenario Writing"
Daisuke Kanno and Mitsuru Kaneko (Tokyo University of Technology, Japan)

"Research on Digitizing Lighting information from the Movies,Yoshihisa Kanematsu and Mitsuru Kaneko"
Tokyo University of Technology, Japan

"A study to express 3DCG Animation of Renku"
Nobuhiko Takada(Kanazawa Gakuin University, Japan)

SessionVI Image Processing(17:10-18:30)

Chair: Werapon Chiracharit (King Mongkut University of Technology Thonburi, Thailand)

"Personal Authentication for Mobile Device Based on Features of Backside Thumb"
Aggaluk Jaoukaew and Pinit Kumhom (King Mongkut's University of Technology Thonburi, Thailand)

"Sagittal Pelvic Inclination Measurement for an Exercise Support System"
Nagatoshi Hayabusa and Hiroki Takahashi (the University of Electro-Communications, Japan)

"Camera-based Calibration of Multiple Laser Projectors for Collaborative Projection"
Menendez Francisco J., Halabi Osama, Fujimoto Tadahiro and Chiba Norishige(Iwate University, Japan)

"An Application of Thermography to Solve the Problem of Night Time Tracking & Classification and Occlusions of Vehicles in ITS System"
Apiwat Sangnoree(King Mongkut's University of Technology Thonburi, Thailand)

SessionVII CG Applications II(17:10-18:30)

Chair: Supaporn Kiattisin (University of the Thai Chamber of Commerce, Thailand)

"An Efficient Drawing Method for Laser Projector"
Purkhet Abderyim, Osama Halabi, Tadahiro Fujimoto and Norishige Chiba (Iwate University, Japan)

"Full-parallax 3D image scanning for holoprinter"
Masahiro Yamaguchi, Ryota Kojima and Yuji Ono (Tokyo Institute of Technology, Japan)

"OpenGL-baed Rendering of Computer-Generated Rainbow Hologram"
Tomohiko Fujii and Hiroshi Yoshikawa (Nihon University, Japan)

"+1D/NeoCubism: Visual Representation of Time-based Images Combined with 3D Computer Graphics"
Toshitaka Amaoka(Meisei University/Tokyo Institute of Technology, Japan), Suguru Saito and Masayuki Nakajima(Tokyo Institute of Technology, Japan)

DayII (31st May)

SessionVIII Applications(10:40-12:00)

Chair: Shinya Miyazaki(Chukyo University, Japan)

"Study and Evaluation of Automation Methods for Segmentation of PET Brain Image"

Weeragul Pratumgul, Werapon Chiracharit(University of the Thai Chamber of Commerce, Thailand), Supaporn Kiattisin? and Kosin Chamnongthai(King Mongkut University of Technology Thonburi, Thailand)

"Theoretical Consideration of Simultaneous Minimization of Various Worst-Case Measures of Error in FIR Filter Banks"

Yuichi Kida(Ohu University, Japan) and Takuro Kida(Professor Emeritus, Tokyo Institute of Technology, Japan/ Nihon University fellow)

"Development of a 3DBlog System and resolution to its Functions"

Yoshio Nishio(Kinjo Gakuin University, Japan), Shigeki Yokoi and Takami Yasuda(Nagoya University, Japan)

"LDA-Based Personal Identification Method Using Hand Veins Vectors On Mobile System"

Issares Jinarith, Yingrak Auttawaitkul(Rathchathani University, Thailand), Kamon Jirasareeamornkul and Kosin Chamnongthai(King Mongkut University of Technology Thonburi, Thailand)

Closing

Masayuki Nakajima(Tokyo Institute of Technology, Japan)