

Program

4th Aug. (Tue.)	5th Aug. (Wed.)	6th Aug. (Thu.)	7th Aug. (Fri.)
	8:30-9:00 Registration	8:30-8:50 Registration	8:30-8:50 Registration
	9:00-9:20 Opening Ceremony (Hall A)	8:50-9:50 Full Paper Session FS3 (Hall A) FS4 (Hall B)	8:50-9:50 Full Paper Session FS7 (Hall A) FS8 (Hall B)
	9:20-10:20 Invited Lectures Session IS1 (Hall A)		
	10:20-10:50 Coffee Break	9:50-10:20 Coffee Break	9:50-10:20 Coffee Break
	10:50-11:50 Invited Lectures Session IS2 (Hall A)	10:20-11:20 Full Paper Session FS5 (Hall A) FS6 (Hall B)	10:20-11:20 Full Paper Session FS9 (Hall A) FS10 (Hall B)
	11:50-12:30 Poster Session (Short Presentation) PS1 (Hall A)		
	12:30-14:00 Lunch	11:20-12:50 Lunch	11:20-11:30 Closing Ceremony (Hall A)
	14:00-15:20 Full Paper Session FS1 (Hall A) FS2 (Hall B)	12:50-17:00 Official Excursion in Bangkok City	
	15:20-15:50 Coffee Break		
	15:50-17:20 Poster Session PS2 (Hall A)		
16:00-20:00 Registration 18:00-20:00 Welcome Reception		18:00-21:00 Conference Banquet	

Invited Lecture Session

IS1, 5th Aug. (Wed.), 9:20-10:20, Hall A

Chair Dr. Peeraya SRIPIAN

I01: SEMATIC DISPOSING TECHNOLOGY FOR WEB3D RESOURCES

Hongming CAI p.15-

IS2, 5th Aug. (Wed.), 10:50-11:50, Hall A

Chair Dr. Peeraya SRIPIAN

I02: IMPOSSIBLE OBJECTS AS A TOOL FOR UNDERSTANDING THE HUMAN VISION SYSTEMS

Kokichi SUGIHARA p.16-

Full Paper Session

FS1, 'Applied Geometry and Graphics', 5th Aug. (Wed.), 14:00-15:20, Hall A

Chair Dr. Naomi ANDO

F15: EVOLUTIONARY GENERATION OF WEAVING PATTERNS USING A TREE-BASED REPRESENTATION

Masatoshi NIIZEKI and Kiyoshi FUJIKI p.43-

F24: RESEARCH ON THE APPLICATION OF TWO-DIMENSIONAL CODE TECHNOLOGY IN WRITING AND PUBLISHING DRAWING TEXTBOOKS

Hongliang FAN p.58-

F19: METHODS TO LEARN WEB DESIGNS THAT ARE IN ACCORDANCE WITH USER'S REQUESTS

Kazuhiro YAMASHIMA and Tsutomu ARAKI p.49-

F25: RESEARCH FOR TEST BANK OF ENGINEERING GRAPHICS ON THE INTELLIGENT COMPOSITION TECHNIQUE

Lijie GUAN, Chunhua WANG, Feng GUO, Xicheng CAO and Ruifen ZHOU p.59-

FS2, 'Image Processing', 5th Aug. (Wed.), 14:00-15:20, Hall B

Chair Dr. Hongming CAI

F02: AUTOMATIC OPTIC DISC SEGMENTATION FROM FUNDUS IMAGES

Jun SONG, Benjun YIN, Bin SHENG, Huating LI and Ruimin SHEN p.22-

F30: A STUDY ON THE METHODS FOR ESTIMATING THE DISTRIBUTION OF PEDESTRIANS IN AN UNDERGROUND MALL BY USE OF WATCH CAMERAS

Naoya TAKAGI and Atsushi TAKIZAWA p.67-

F08: DESIGN OF MEDICAL IMAGE OVERLAPPING DISPLAY SYSTEM BASED ON MULTI-MODE IMAGE RETRIEVAL AND LOCATION

Xiao LUO, Baoling HAN and Qingsheng LUO p.32-

F21: NUMERICAL FITTING OF PLANAR PHOTOGRAPHIC IMAGES WITH SPHERICAL
VORONOI DIAGRAMS

Supanut CHAIDEE and Kokichi SUGIHARA p.52-

FS3, 'Drawings', 6th Aug. (Thu.), 8:50-9:50, Hall A

Chair Dr. Kazuki TAKENOUCHI

F05: CULTURE OF HAND DRAWING IN PREPARING DRAWINGS -USEFULNESS OF PUNCH
DRAWING-HAND DRAWING IN MECHANICAL DESIGN AND DRAWING-

Shigeo HIRANO, Susumu KISE, Sozo SEKIGUTI, Kazuya OKUSAKA and Tsutomu ARAKI p.26-

F11: DEVELOPMENT OF TUBE-IN-TUBE CHIMNEY CAD SYSTEM

Ziru WANG, Yuanjun HE and Gaojie FAN p.36-

F29: SOFTWARE DEVELOPMENT FOR THE MANAGEMENT OF CAD DRAWINGS

Sande GAO and Loulin HUANG p.65-

FS4, 'Education', 6th Aug. (Thu.), 8:50-9:50, Hall B

Chair Dr. Kumiko SHIINA

F13: EFFECTIVE EVALUATION AND MAXIMIZATION OF EXAMPLE OBJECT COLLECTION
FOR A WORKSHOP ON 3D OBJECT VISUALIZATION USING TOY BLOCKS

Tomoko OHTANI, Mieko NAKAMURA, Daiki AMANAI and Kazushi MARUYA p.39-

F18: MENTAL CUTTING TESTS AND MENTAL ROTATION TESTS IN A MECHANICAL AND
ELECTRICAL ENGINEERING COURSE

Masatoshi NIIZEKI, Taigi OKAMOTO and Kazuyoshi NISHIHARA p.48-

F12: EDUCATIONAL ASSISTANCE THROUGH MODELING IN TSUKUBA UNIVERSITY OF
TECHNOLOGY PROFESSIONAL EDUCATION FOR THE HEARING OR VISUALLY
IMPAIRED

Tsutomu ARAKI, Naoko NAKAMURA and Iwao HONMA p.38-

FS5, 'Robotics and Motion', 6th Aug. (Thu.), 10:20-11:20, Hall A

Chair Dr. Ichiro TANAKA

F09: DEVELOPING NON-PHOTOREALISTIC ANIMATION TECHNIQUES FOR PRESERVING
THE VISUAL STYLE OF WAYANG BEBER OF PACITAN

Banung GRAHITA and Toshihiro KOMMA p.33-

F27: RESEARCH ON THE KEY TECHNOLOGY OF BIONIC-ROBOT NAVIGATION BASED ON
STEREO VISION

Baoling HAN, Xiao LUO, Ying ZHU, Yinling XIAO and Guanhao LIANG p.62-

F28: ROBOT CHARACTER DESIGN SIMULATION SYSTEM USING 3D PARTS MODELS

Ryuta MOTEGI, Shota TSUJI, Yoshihisa KANEMATSU, Koji MIKAMI, and Kunio KONDO p.64-

FS6, '3D Structure and Web3D', 6th Aug. (Thu.), 10:20-11:20, Hall B

Chair Dr. Ziru WANG

F32: A VERSION CONTROL MECHANISM BASED ON ABSTRACT SCENE WITH OPERATION HISTORY GRAPH TOWARDS WEB3D COOPERATIVE APPLICATIONS

Hongming CAI, Zhenhai WANG, Haiyan YU and Yuanjun HE p.71-

F10: DEVELOPMENT OF EVALUATION METHOD OF DAYLIGHTING DUCT SYSTEM CONSIDERING INNER LIGHT FLUX

Akihiro TOMINAGA and Hirotaka SUZUKI p.35-

F31: THREE-DIMENSIONAL MODELING OF THE CYCLOID HYPERBOLIC ARCH DAM

Bo LI, Tingna DU and Rongbo YE p.69-

FS7, 'Image and Animation', 7th Aug. (Fri.), 8:50-9:50, Hall A

Chair Dr. Baoling HAN

F16: INTERACTIVE ANIMATION DESIGN OF PLANAR LINKAGE BASED ON ACTIONSCRIPT

Ningrong ZHANG and Qinghua XIE p.44-

F20: NATURAL GESTURE SEGMENTATION ALGORITHM BASED ON SKIN COLOR AND MOTION DETECTION

Kaiping FENG, Fang YUAN and Yanxi ZHANG p.51-

F01: ASIATIC BLACK BEAR IDENTIFICATION BASED ON CHEST MARKS PHOTO CLASSIFICATION

Tanachaporn TEINTIPSIRI, Peeraya SRIPIAN and Dusit NGOPRASERT p.21-

FS8, 'Design', 7th Aug. (Fri.), 8:50-9:50, Hall B

Chair Dr. Masatoshi NIIZEKI

F23: A PROPOSAL OF PAPER FOLDING METHOD FOR LAMPSHADE DESIGN -PRINCIPLE AND APPLICATION OF SKEW QUADRILATERAL ELASTIC FOLDING METHOD-

Hirotaka SUZUKI p.56-

F26: RESEARCH ON APPLYING CONTEXT AWARENESS MODEL IN INTERACTION DESIGN PROCESS

Jian SUN p.61-

F06: DESIGN BY SPHERES - A COMPUTER GRAPHIC MATERIAL FOR ARCHITECTURAL DESIGN EDUCATION -

Naomi ANDO and Shota ISHII p.28-

FS9, 'Cognition', 7th Aug. (Fri.), 10:20-11:20, Hall A

Chair Dr. Sande GAO

F03: COMPUTATIONAL CREATION OF HOLLOW MASK TYPE ILLUSIONARY SOLIDS

Akiyasu TOMOEDA and Kokichi SUGIHARA p.24-

F04: CONTINUAL INVESTIGATION ON RELATIONSHIP BETWEEN SCORES IN MENTAL CUTTING TEST AND EXAMINATION SCORES IN DESCRIPTIVE GEOMETRY

Kumiko SHIINA p.25-

F07: DESIGN OF AMBIGUOUS CYLINDERS

Kokichi SUGIHARA p.30-

FS10, 'Traditional and Modern Pictures', 7th Aug. (Fri.), 10:20-11:20, Hall B

Chair Dr. Kaiping FENG

F14: EVALUATION OF A PROFILE PARAMETER OF COW CARRIAGE WHEEL IN AN OLD JAPANESE PICTURE SCROLL BY HYPERELLIPSE FITTING

Kazuki TAKENOUCHI p.41-

F22: PERSPECTIVE AND TELEPHOTO REPRESENTATION IN HIROSHIGE'S "NIHONBASHI MORNING SCENE" –A GEOMETRICAL INTERPRETATION–

Ichiro TANAKA p.54-

F17: LE CORBUSIER'S INTEGRATION OF THE MALE AND THE FEMALE WITH A <BULL IMAGE>

Michio KATO p.46-

Poster Session

PS1, Short Presentation, 5th Aug. (Wed.), 11:50-12:30, Hall A

Poster Exhibition, 5th Aug. (Wed.), 15:50-17:20, Hall A

Chair Dr. Hirotaka SUZUKI

P01: ABOUT TWO CONCURRENT THEOREMS BY 6 ORTHOGONAL LINE

Hirotaka EBISUI p.75-

P02: AN APPROACH TO KINETIC DESIGN EXPERIMENTS FOCUS ON THE MOVEMENT OF DIFFERENT FLAT LAYOUT

Naruki MATSUO, Akinori ITO, Kengo WATANABE and Kunio KONDO p.76-

P03: COLLINEAR SECOND NOTE

Hirotaka EBISUI p.77-

P04: DESIGN EXPRESSION OF THE CIVIC PARTICIPATION TYPE FLOWER ART

Kei TAKASHIMA p.78-

P05: EQCG OYSTER MONYOU

Hirotaka EBISUI p.79-

P06: GEOMETRIC CURVED LINE WHICH COLLIMATES FOCUSING RAYS INTO PARALLEL RAYS BY SPECULAR REFLECTION

Hirotaka SUZUKI, Susumu SUGANO and Akihiro TOMINAGA p.80-

P07: PEDESTRIAN DECKS AS PLAZAS: TOKYO – SHANGHAI	Yayun PENG and Naomi ANDO	p.82-
P08: A STUDY OF GRAIN ORIENTATION IN CORE MICROSCOPIC IMAGE BASED ON THE STANDARD DEVIATIONAL ELLIPSE METHOD	Yancong LIU, Dan LIU, Qiong WU, Xianghua ZHAN and Benliang LIU	p.83-
P09: STUDY ON FORM COMPOSITION OF THEATER SPACES	Miho Hashizume, Naomi ANDO and Shota ISHII	p.85-
P10: STUDY ON LUMINANCE DISTRIBUTION CONTROL METHOD BY PROJECTION MAPPING	Ayaka YOSHIDA and Hirotaka SUZUKI	p.87-
P11: STUDY ON TRANSITIONAL SPACE IN HOUSING COMPLEX	Fang YUAN, Naomi ANDO, Yayun PENG, Shota ISHII	p.89-
P12: UNIFORMIZATION OF POINT CLOUD WITH SHARP FEATURES USING POISSON DISK SAMPLING AND RANDOMIZED HOUGH TRANSFORM	Seungki KIM, Yuhi YOSHIDA, Yusuke IMAI and Hiroshi KAWAHARADA	p.91-
