

The International Symposium on Katachi*/ Form in Folk Art, Osaka, Japan 2006 (ISKFA06Japan)



ISKFA06 Japan

<http://wwwsoc.nii.ac.jp/form/62th-sympo-kolam.htm>

being held as the jointed with the 62nd Autumn Symposium 2006 of the Society for Science on Form Japan (the 62nd S-SSFJ).

*Katachi in Japanese means “Form, Shape, Structure or Geometry”

Site: Room 202, Building F, Toyonaka Campus, Osaka University, Osaka

<http://www.sci.osaka-u.ac.jp/location/campus-wide-jp.html>

Date: 3 (Fri) Nov. 2006 for ISKFA06Japan, 3-5 Nov. for the 62nd S-SSFJ

Back Image is 宝結紋 Takara Musubi Japanese Crest, 盤長 in 中国結 Chinese knot, or Mongolia-OlziiHee

Co-sponsors of ISKFA06 Japan;

KASF (Kolam/Knot/Katachi Art&Science Forum <http://intervision.aadau.net>

The chief, Nagata Shojiro, InterVision Institute),

SSFJ (Society for Science on Form Japan, <http://wwwsoc.nii.ac.jp/form/>,

The president, Prof. Hisano Honda, Hyogo Univ.),

The organizing committee of S-SSFJ (the chief, Prof. Akira Tsuchiyama, Osaka Univ.),

JSCK (Japanese Society for the Culture of KATACHI/Form,

<http://www.katachi.org/>, the president, Prof. Tsutomu Kaneko,

Teikyo Heisei Univ.)

ISTA (The Interdisciplinary Institute of Science, Technology and Art Japan,

<http://www.npo-ista.org/>, the president Prof. Tohru Ogawa)

Co-operated with Human Interface Society (Japan) <http://www.his.gr.jp/>

ISIS-Symmetry (International Society for Interdisciplinary Study of Symmetry)

<http://members.tripod.com/vismath/isis0.htm>

The Japan Society for Graphic Science <http://jsgs.c.u-tokyo.ac.jp/>

The executive committee of ISKFA06Japan;

Co-chairs: Prof. Ryuji Takaki (Kobe Design Univ., Japan)

Mr. Nagata, Shojiro (InterVision Institute, Japan)

Mr. Thamburaj, Robinson (Lecture, Dep. of Math, Madras Christian College, India)

Committee members: Mr. Kiwamu Yanagisawa (Lecture, Kobe Design Univ., Japan)

Prof. Yumi Awano (Tokyo Zokei Univ., Japan)

Prof. Paulus Gerdes (Research Center for Math, Culture & Education, Mozambique)

Prof. Slavik Jablan (The Mathematical Institute, Serbia)

Prof. Katsumi Morita (Sapporo-Otani Junior College, Japan)

Prof. Vijaya Nagarajan (Univ. of San Francisco, USA)

Dr. Ryuichi Nakajima (RIKEN Institute, Japan)

Program of ISKAF on the 3rd (Fri) Nov. 2006

10:00 Opening registration desk, Checking AV/PC for the presentations, Preparing Poster and Exhibitions

11:30 Opening Posters and Exhibition/Demo, Video in the other room

13:00~	Keynote address: Overview on Traditional Folk Design across the Nations and Topics of the Symposium	Nagata Shojiro 世界の伝統的民俗デザ インと本会議の話題	InterVision Institute, Japan
Session 1 13:30~ 13:45	Drawing Down Desires: Women, Ritual and Art in Southern India 希望を描く、南イン ドの女性、儀式と芸 術	Vijaya R. Nagarajan nagarajan@usfca.edu ビジャヤ ナガラヤ 女史	College of Arts and Sciences University of San Francisco, USA 米国、サンフランシスコ大学
13:45~ 14:00	Fundamental Study on Drawing System of Kolam Pattern コーラム紋様描画 法の基本的研究	Kiwamu Yanagasawa (1) yanagisawa-k@kobe-du.a c.jp and Nagata Shojiro (2)	(1) Kobe Design University 神戸工芸大 /Kaguraoka Designers, Japan (2) InterVision Institute, Japan
14:00~ 14:15	Solving infinite Kolam in Knot theory 結び目理論におけ る無限コーラムの 解	Yukitaka Ishimoto ishimoto@yukawa.kyoto- u.ac.jp	Okayama Institute for Quantum Physics, Japan 岡山量光子研究所
14:15 14:30	African <i>Sona</i> and mirror curves, From mirror curves to Lunda-designs and cycle matrices アフリカのソナ紋 様と鏡曲線 鏡曲線からルンダ デザインと巡回路	Paulus Gerdes pgerdes@virconn.com パスルス ゲルデス Tel. 1-49 4504 Fax: 1-46 0588	Research Centre for Mathematics, Culture and Education, Mozambique モザンビク、数学、文化、教 育研究センター
14:30~ 14:45	Discussion time		
14:45~ 15:00	Coffee time		
Session 2 15:00~ 15:15	Extended Pasting Scheme for Kolam Pattern Generation コーラムパター ンの生成のための拡 張型張付図式	Thamburaj Robinson robin.mcc@gmail.com タムブラ ロビンソン	Department of Mathematics, Madras Christian College(MCC), India インド、マドラスキリスト大 学

15:15~ 15:30	Hierarchical Modular Structures with Elements of Folk Art 民俗芸術の要素をもった階層的単位構成	Naoko Kishimoto kishimoto.naoko@jaxa.jp and M.C. Natori	Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency 宇宙航空研究開発機構、宇宙科学研究本部
15:30~ 15:45	Shapes of Knot Patterns 結び目パターンの形	Katsumi Morita katsumi_morita@sapporo-otani.ac.jp	Department of Arts and Design, Sapporo-Otani Junior College, Japan 札幌大谷短期大学
15:45~ 16:00	Discussion time		
16:00~ 16:15	Coffee time		
Session 3 16:15~ 16:30	Analysis of Impression from Geometric Patterns in Textiles of Cultural Properties in Japan 日本の文化遺産における織物幾何模様 の印象解析	Kumiko GOTO (1) Akihiko GOTO (2) gotoh@ise.osaka-sandai.ac.jp Asami NAKAI (1) Masanori SATO (3) Kazunari MORIMOTO(1) Hiroyuki HAMADA (1)	(1) Graduate School, Kyoto Institute of Technology, Japan 京都工芸繊維大 (2) Osaka Sangyo University (3) Nara National Research Institute for Cultural Properties
16:30~ 16:45	Knots, links, and self-avoiding curves Mirror curves 結び目、絡み目と自己回避曲線、鏡曲線	Slavik Jablan jablans@mi.sanu.ac.yu スラビック ヤブラン and Radmila Sazdanović	The Mathematical Institute, Belgrade, Serbia セルビア(旧ユーゴ連邦)、 科学院数学研究所
16:45~ 17:00	Study on Composition of Lao Motif ラオス紋様の構図に関する研究	Soukanh CHITHPANYA soukanh2000@yahoo.com +856 21 2413129, Km 5, Kaysone Phomvihane Rd, Phonephanao, Saysettha	Faculty of Architecture, National University of Laos, Vientiane, Lao PDR ラオス、ラオス国立大学 ..
17:00~ 17:15	Discussion time		
17:15~ 17:30	Coffee time		

The papers including the poster session will be selected and be recommended for publishing, if the author wishes, to “Forum” (electronic English Journal with color of SSFJ as well as hard copy version copy printed with black/white), “ Study of Culture of Katachi” (hard copy Journal mostly in Japanese of JSCK) or "Visual Mathematics" (electronic Journal in English of ISIS-Symmetry).

Poster session 17:30~	Room 102 Building F, At beginning time,	3 min introduction by each poster presenter	
Poster	Form and pattern in Folk Art of the South Pacific 南太平洋の民俗芸術 における形と像	Denes Nagy Research Professor d.nagy@patrick.acu.edu.au	Inst. for the Advancement of Research ACU. Melbourne, AUS オーストラリア大学 オースト リア
Poster	A Family of Spatial Close Curves (not traditional folk art) 空間内閉曲線族	Tohru Ogawa ogawa-t@koalanet.ne.jp	ISTA & Univ. of Tsukuba, Japan 学際科学芸術研究所(NPO)
Poster	Digitalization and analyzing of traditional cycle patterns in the world 世界の巡回紋様の デジタル化と解析	Nagata Shojiro intvsn@cityfujisawa.ne.jp	InterVision Institute, Japan インタービジョン研究所
Poster	Some contemporary applications of traditional cycle patterns 巡回紋様の現代的 活用	Nagata Shojiro intvsn@cityfujisawa.ne.jp	InterVision Institute, Japan
Poster	PsyKolo3D- Interactive Computer Graphical Content of Kolam Pattern blocks コーラムブロック 対話式 3D-CG ソフ ト	Yasuo Kawai (1) kawai@shonan.bunkyo.ac.jp , TakahashiKohtaka (2) and Nagata Shojiro (3)	(1) Bunkyo University, Japan 文教大学 (2) Free (2) InterVision Institute, Japan
Poster	P-Systems for Array Generation and Application to Kolam Patterns 配列生成の P-シス テムとコーラム紋 様への適用	K. Govindarajan Subramanian (1) kgsmani1948@yahoo.com , Ramakrishnan Saravana (2) and Thamburaj Robinson (3)	(1) Dep. of Computer Science, Sri Muthukumaran Institute of Technology, India インド、マスカラマン工科大 学 (2) Dep. of Math, Bharath Institute of Higher Education and Research, India (3) MCC
Poster	Analysis of Historic Spiral Patterns in the World 世界の歴史的渦巻 き紋様の解析	Ryuji Takaki takaki-r@kobe-du.ac.jp (1) and Nobutaka Ueda (2)	(1) Kobe Design University, Japan 神戸工芸大学 (1) Hiroshima Gakuin Japan 広島学園
	Ending address	Ryuji Takaki	Kobe Design University, Japan
18:30~	Joint dinner meeting		

Exhibition 1 展示デモ	Flash Software Designer for PC and Mobile-phone 紋様描画携帯アニメソフト	Keiichi Ishida (1) ishida@seeda.jp and Nagata Shojiro (2)	(1) SeeDo Office, Japan http://www.seeda.jp/ (2) InterVision Institute, Japan
Exhibition 2	Tangible Drawing Tool (PsyKolo tile/block) 触れるブロック描画具	Nagata Shojiro intvsn@cityfujisawa.ne.jp	InterVision Institute, Japan http://intervision.aadau.net/
Exhibition 3, 5	Windows & Flash software, Kolam/Knot Designer コーラム・結び目生成アニメソフト	Nagata Shojiro	InterVision Institute, Japan
Exhibition 4	Windows software Knots3D 結び目作成アニメソフト	Steve Abbott steven@abbott.demon.co.uk	Ipswich, England UK http://www.abbott.demon.co.uk/knots.html
Exhibition 6	Flash software, Kolam Animations コーラムアニメソフト	Lata Kalaimani lata@iKolam.com	iKolam office, CA, USA http://www.iKolam.com/index.php
Exhibition 7	HTML software Kolam tile drawing tool コーラム作成ソフト	Gokulmuthu Narayanaswamy gokulmuthu@yahoo.com	Bangalore, India http://www.geocities.com/At hens/Acropolis/1863/gomu.html
Exhibition 8	Flash software PsyKolo3D コーラムアニメ 3D ソフト	Yasuo Kawai (1) kawai@shonan.bunkyo.ac.jp , Kohtaka Takahashi (2) and Nagata Shojiro (2)	(1) Bunkyo University, Japan (2) InterVision Institute, Japan
Exhibition 9	Tangible Drawing tools, Lope and blocks 触れる紐とブロック描画具	Kiwamu Yanagasawa yanagisawa-k@kobe-du.ac.jp	Kobe Design University /Kaguraoka Designers, Japan
Exhibition 10	Poster Designs (1) & Designer Inada A1size x1 + mandala A1 x2(2) 会議ポスター図案 ターシ師砂曼荼羅 A1x2	Katsumi Morita + Sayaka Suzuki katsumi_morita@sapporo-otani.ac.jp (1) And Yumi Awano + Shunichi Inada awano@zokei.ac.jp (2)	(1) <i>Prof.:</i> Sapporo-Otani Junior College, Japan (2) <i>Prof.:</i> Tokyo Zokei Univ., Japan
Exhibition 11	Video show, Kolam /knot Animations ビデオ上映 コーラム・結び目アニメーション	Ryuichi Nakajima (1) nakajimar@brain.riken.jp and Nagata Shojiro(2)	(1) Riken Institute, Japan (2) InterVision, Japan
Exhibition 12	Textile Designs Sona- Lunda designs 織物デザイン ソナ・ルンダ デザイン	Paulus Gerdes pgerdes@virconn.com	<i>Prof.:</i> Research Centre for Mathematics, Culture and Education, Mozambique
Exhibition 13	Video mandala in Fire Festival 火の祭り曼荼羅実演 DVD	Yumi Awano awano@zokei.ac.jp (1)	(1) <i>Prof.:</i> Tokyo Zokei Univ., Japan
Exhibition 14	Japanese knot Mizuhiki artworks 水引作品	Suzuki Hisako info1@mizuhikiya.com	Mizuhiki-Kan, Kyoto, Japan www.mizuhikiya.com
Exhibition 15	Asian knot artworks アジアン結び作品	An-nen Okami okami@sings.jp	An-nen-ya, Japan http://hb2.seikyone.jp/home/7mivuki7/s-01.htm