## SCHEDULE FOR THE BRIDGES SEOUL CONFERENCE

| SESSION | SLOT | TIME | TYPE | AUTHORS AND TITLES |
| :--- | :--- | :--- | :--- | :--- |

## THURSDAY AUGUST 14, 2014

REGISTRATION: Gwacheon National Science Museum (GNSM) August 13, 2014 2 PM - 6 PM and August 14~18, 20149 AM - 6 PM

| Eoullim Hall |  |  | Morning 9:30am - 12:00 noon SESSION 1 Chair: Carlo H. Séquin |  |
| :--- | :--- | :--- | :--- | :--- |
| 14 AM 1 | 1 | $9: 30$ |  | Bridges Seoul 2014 Organizing Committee <br> Welcoming Remarks (No registration during this time) |
| 14 AM 1 | 2 | $10: 00$ | PLEN | Minhyong Kim <br> Arithmetic Symmetry |
| 14 AM 1 | 3 | $11: 00$ | PLEN | Carlo H. Séquin and Michelle Galemmo <br> LEGO-Knots and Tria-Tubes |

2014 Art Exhibition Opening \& Reception 12:00pm - 12:30pm

| Creation Hall |  | Midday 2:30pm - 4:00pm $\quad$ SESSION 2 |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 14 PM 2 | 1 | $2: 30$ | REG | Craig Kaplan <br> The Design of a Reconfigurable Maze |
| 14 PM 2 | 2 | $3: 00$ | REG | Chamberlain Fong <br> An Indoor Alternative to Stereographic Spherical Panoramas |
| 14 PM 2 | 3 | $3: 30$ | REG | Kenneth Brecher <br> Top-ology: $A$ Torque about Tops |


| Lecture Room VI, Education Building |  | Midday 2:30pm - 4:00pm $\quad$ SESSION 3 $\quad$ Chair: Kazmier Maslanka |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 14 PM 3 | 1 | $2: 30$ | SHRT | Susan Happersett <br> Mathematical Sequences and Artist's Books |
| 14 PM 3 | 2 | $2: 45$ | SHRT | Jean Constant <br> Random processes and visual perception |
| 14 PM 3 | 3 | $3: 00$ | SHRT | John Hiigli <br> Homages to Geraldo de Barross |
| 14 PM 3 | 4 | $3: 15$ | SHRT | Gizem Karaali <br> The Genius as a Characterization of the Creative Spirit in Mathematics and the Arts |
| 14 PM 3 | 5 | $3: 30$ | SHRT | Gabriele Gelatti <br> On Colouring Sequences of Digital Roots |
| 14 PM 3 | 6 | $3: 45$ | SHRT | Kazmier Maslanka <br> Korean Seon (Zen) and Mathematical Visual Poetry |


| Lecture Room V, Education Building |  | Midday 2:30pm - 4:00pm $\quad$ WESSION 4 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 14PM 4 | 1 | $2: 30$ | WORK | Kazunori Horibe, Bih-Yaw Jin and Chia-Chin Tsoo <br> From Sangaku Problems to Mathematical Beading: A Hands-on Workshop ... |

## Coffee Break 4:00-4:30

| Creation Hall |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 5 $\quad$ Chair: Rinus Roelofs |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 14 PM 5 | 1 | $4: 30$ | REG | Glenn Laigo, Haftamu Menker Gebreyohannes and Fahad Mohammed Humaid AI Khamisi <br> Symmetry Groups of Islamic Patterns at the Sultan Qaboos Grand Mosque |
| 14 PM 5 | 2 | $5: 00$ | REG | Dirk Huylebrouck <br> The Meta-golden Ratio Chi |
| 14 PM 5 | 3 | $5: 30$ | REG | Rinus Roelofs <br> Elevations and Stellations |


| Research Room, Basic Science Hall |  |  |  | Afternoon 4:30pm - 6:00pm | RESSION 6 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 14 PM 6 | 1 | $4: 30$ | REG | Dallas Clement <br> Math + Art at the Winnipeg Art Gallery |  |
| 14 PM 6 | 2 | $5: 00$ | REG | Hidetoshi Fukagawa and Kazunori Horibe <br> Sangaku-Japanese Mathematics and Art in 18th, 19th and 20th Centuries |  |
| 14 PM 6 | 3 | $5: 30$ | REG | Kristof Fenyvesi, Natalija Budinski and Zsolt LAVICZA <br> Two Solutions to An Unsolvable Problem: Connecting Origami and GeoGebra ... |  |


| Lecture Room VI, Education Building |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 7 $\quad$ Chair: Mara Alagic |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 14 PM 7 | 1 | $4: 30$ | SHRT | Cindy Lawrence <br> Engaging Groups with Large-Scale Construction Events |
| 14 PM 7 | 2 | $4: 45$ | SHRT | John Sullivan <br> Nonspherical Bubble Clusters |
| 14 PM 7 | 3 | $5: 00$ | SHRT | Daeun Cheong, Jaewon Cheong, Mi Ju Kim, Jae Hee Park , and Jeong Mi Park <br> The Entropy of K-Pop songs |
| 14 PM 7 | 4 | $5: 15$ | SHRT | Helen Prochazka, Maurice Murphy and Adrian Jacobson <br> Adding Emotion to a Mathematics Book with Pop Song Poetry |
| 14 PM 7 | 5 | $5: 30$ | SHRT | Terrence Richard Blackman and John Belcher <br> Rhythm Similarity and Symbolic Dynamics |
| 14 PM 7 | 6 | $5: 45$ | SHRT | Mara Alagic <br> Preservice Elementary Teachers: Creative Thinking, Pedagogy and MathArt Projects |


| Lecture Room V, Education Building |  |  | Afternoon 4:30pm - 6:00pm SESSION 8 Workshop |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 14 PM 8 | 1 | $4: 30$ | WORK | Diana Cheng and Tetyana Berezovski <br> The Numbers Behind the Death Spiral |

## Gwacheon National Science Museum Welcome Dinner Imagination Hall <br> 7:00-9:00

## FRIDAY AUGUST 15, 2014

| Eoullim Hall |  | Morning 9:30am - 12:30 noon $\quad$ SESSION 9 $\quad$ Chair: Gary Greenfield |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 15 AM 9 | 1 | $9: 30$ | PLEN | James Mai <br> Juan Gris' Color Symmetries |
| 15 AM 9 | 2 | $10: 30$ | PLEN | Tiffany Inglis <br> Constructing Drawings of Impossible Figures with Axonometric Blocks and ... |
| 15 AM 9 | 3 | $11: 30$ | PLEN | Thomas F. Banchoff <br> Salvador Dali and the Fourth Dimension |

## Lunch 12:30pm - 2:30pm

| Imagination Hall |  | Midday 2:30pm - 4:00pm | SESSION 10 | Chair: Tom Verhoeff |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 10 | 1 | $2: 30$ | REG | Melle Stoel <br> Closed Loops with Antiprisms |
| 15 PM 10 | 2 | $3: 00$ | REG | Taneli Luotoniemi <br> The Kinochoron: $A$ Manipulable Wire Model of the 16-cell |
| 15 PM 10 | 3 | $3: 30$ | REG | Tom Verhoeff and Koos Verhoeff <br> Lobke, and Other Constructions from Conical Segments |


| Creation Hall |  | Midday 2:30pm - 4:00pm Chair: Chern Chuang |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 11 | 1 | $2: 30$ | REG | Abdalla G. M. Ahmed <br> Modular Duotone Weaving Design |
| 15 PM 11 | 2 | $3: 00$ | REG | Nithikul Nimkulrat and Janette Matthews <br> From Mathematical Diagrams to Knotted Textiles |
| 15 PM 11 | 3 | $3: 30$ | REG | Chern Chuang and Bih-Yaw Jin <br> Torus Knots with Polygonal Faces |


| Lecture Room VI, Education Building |  | Midday 2:30pm - 4:00pm Chair: Eve Torrence |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 12 | 1 | $2: 30$ | SHRT | Kokichi Sugihara <br> Right-Angle Preference in Impossible Objects and Impossible Motions |
| 15 PM 12 | 2 | $2: 45$ | SHRT | Daniela Velichová <br> Forms from Minkowski Triples of Circles |
| 15 PM 12 | 3 | $3: 00$ | SHRT | Francesco De Comité <br> Cardioidal Variations |
| 15 PM 12 | 4 | $3: 15$ | SHRT | Carlo H. Séquin <br> Physically Correct Rendering of Pacioli's Rhombicuboctahedron |
| 15 PM 12 | 5 | $3: 30$ | SHRT | Robert Bosch <br> Figurative Mosaics from Flexible Truchet Tiles |
| 15 PM 12 | 6 | $3: 45$ | SHRT | Eve Torrence <br> Making Sunshine: A First Geometric Sculpture |


| Lecture Room V, Education Building |  |  | Midday 2:00pm - 3:30pm | SESSION 13 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 15 PM 13 | 1 | $2: 30$ | WORK | Andrea Hawksley <br> A Binary Dance Workshop |  |

## Coffee Break 4:00-4:30

| Imagination Hall |  |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 14 $\quad$ Chair: Godfried Toussaint |  |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 14 | 1 | $4: 30$ | REG | Reza Sarhangi <br> Decorating Regular Polyhedra Using Historical Interlocking Star Polygonal Patterns |
| 15 PM 14 | 2 | $5: 00$ | REG | Peter Boothe and Jonathan Langke <br> People and Computers Agree on the Complexity of Small Art |
| 15 PM 14 | 3 | $5: 30$ | REG | Eva Toussaint and Godfried Toussaint <br> What is a Pattern? |


| Creation Hall |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 15 |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 15 | 1 | $4: 30$ | REG | Kelly Delp <br> Stripey Squares |
| 15 PM 15 | 2 | $5: 00$ | REG | David Mitchell <br> Lattice Labyrinth Tessellations |
| 15 PM 15 | 3 | $5: 30$ | REG | Paul Gailiunas <br> Recursive Rosettes |


| Lecture Room VI, Education Building |  | Afternoon 4:30pm - 6:00pm | SHSSION 16 | Chair: Robert Bosch |
| :--- | :--- | :--- | :--- | :--- |
| 15 PM 16 | 1 | $4: 30$ | SHRT | Susan Goldstine <br> Capturing Eight-Color Double-Torus Maps |
| 15 PM 16 | 2 | $4: 45$ | SHRT | Judy Holdener and Marie Snipes <br> Sources of Flow as Sources of Symmetry: Divergence Patterns of Sinusoidal Vector Fields |
| 15 PM 16 | 3 | $5: 00$ | SHRT | Akio Hizume, Takamichi Sushida and Yoshikazu Yamagishi <br> Voronoi Phyllotaxis Tiling on Fermat Spiral |
| 15 PM 16 | 4 | $5: 15$ | SHRT | Mingjang Chen <br> An Introduction to Leaping Iterated Function Systems |
| 15 PM 16 | 5 | $5: 30$ | SHRT | Mayer Schwartz <br> Generating a "3D" Image from One Continuous 2D Curve |
| 15 PM 16 | 6 | $5: 45$ | SHRT | Robert Bosch and Julia Olivieri <br> Game-of-Life Mosaics |


| Lecture Room V, Education Building |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 17 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 15 PM 17 | 1 | $4: 30$ | WORK | Takaaki Sonoda and Minori Yamazaki <br> Universal Magic Cube: A Hands-on Workshop for Closed Cubic Kaleidoscopes ... |

## Eoullim Hall

## usR $\triangle$ Briidges Pullic lecture

Sponsored by Mathematical Sciences Research Institute (MSRI)


Noam D. Elkies

Department of Mathematics
Harvard University, USA

Eoullim Hall, Gwacheon National Science Museum
Friday, August 15, 2014 7:30-9:00 PM

## Bridges Seoul Family Day Chair: Kristóf Fenyvesi http://www.familyday.hul

| Eoullim Hall |  | Morning 10:30am-12:30 noon |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 16 AM FD | 1 | $10: 30$ | SHOW | Robert Bosch |
| 16 AM FD | 2 | $11: 30$ | SHOW | Bridges 2014 Short Movie Festival I |

## Lunch 12:30pm - 2:00pm

| Eoullim Hall |  | Afternoon 2:00pm - 8:00pm |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 16 PM FD | 1 | $2: 00$ | SHOW | Karl Schaffer, Erik Stern, and Saki (with Korean translation) <br> Math and Dance I |
| 16 PM FD | 2 | $3: 30$ | SHOW | Robert Bosch (with Korean translation) <br> Bridges 2014 Short Movie Festival II |
| 16 PM FD | 3 | $5: 00$ | SHOW | Tim and Tanya Chartier (with Korean translation) <br> Mime-Matics II |
| 16 PM FD | 4 | $6: 30$ | SHOW | Mike Naylor <br> Poetry and Music Night |

## Dance Theater: The Signs of Discovery

What do mathematics and dance have in common? For years Karl Schaffer and Erik Stern have been revealing the surprising connections through highly physical, engaging choreography peppered with their unique brand of humor and entertaining audience interactions. From the stately "Shadowed Flight" to magical play with paper to Chinese legends of flight told with giant tangrams, the Dr. Schaffer and Mr. Stern Dance Ensemble addresses symmetry, number sense, the history of ideas and, ultimately, how we think.


## Mime-Matics

Tim and Tanya Chartier's mime combines masks, puppetry, and classical mime illusions into a distinctive style that they have performed throughout the United States and in national and international settings.

The Chartiers have trained at Le Centre du Silence mime school, the Dell'Arte School of International Physical Theater and with the world-renowed mime artist Marcel Marceau.

## Bridges 2014 Short Movie Festival

The 5th Annual Bridges Short Movie Festival will include a variety of juried and curated videos and short films. The program will include movies, videos and animations that have been created for educational, corporate and artistic purposes, and will provide another opportunity for you to experience innovative and integrative techniques in the fields of mathematics and art.


## SUNDAY August 17, 2014

| Eoullim Hall |  |  | Morning 10:30am - 12:30 noon | SESSION 18 Chair: Craig Kaplan |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 17 AM 18 | 1 | $10: 30$ | PLEN | Karl Schaffer, Erik Stern, and Saki <br> Dance Theater: The Signs of Discovery |
| 17 AM 18 | 2 | $11: 30$ | PLEN | Harri Varpanen <br> Toss and Spin Juggling State Graphs |

## Lunch 12:30pm - 2:30pm

| Imagination Hall |  | Midday 2:30pm - 4:00pm SESSION 19 Chair: Francisco Gomez |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 19 | 1 | $2: 30$ | REG | Donald Spector <br> Three Mathematical Views of "In C" |
| 17 PM 19 | 2 | $3: 00$ | REG | Karl Schaffer <br> Dancing Deformations |
| 17 PM 19 | 3 | $3: 30$ | REG | Francisco Gomez, Jose Miguel Diaz-Baniez, Emilia Gomez and Joaquin Mora <br> Flamenco Music and its Computational Study |


| Creation Hall |  | Midday 2:30pm - 4:00pm $\quad$ SESSION 20 |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 20 | 1 | $2: 30$ | REG | Robert Fathauer <br> Some Hyperbolic Fractal Tilings |
| 17 PM 20 | 2 | $3: 00$ | REG | Stanley Spencer <br> Creating Self Similar Tiling Patterns and Fractals using ... |
| 17 PM 20 | 3 | $3: 30$ | REG | Douglas Dunham and John Shier <br> The Art of Random Fractals |


| Main Lecture Room, Education Building |  | Midday 2:30pm - 4:00pm SESSION 21 Chair: Douglas Burkholder |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 21 | 1 | $2: 30$ | SHRT | Gary Greenfield <br> Target Curves for Pick-up, Carry, and Drop Mobile Automata |
| 17 PM 21 | 2 | $2: 45$ | SHRT | Bruce Torrence <br> Seeing a Fundamental Theorem |


| Main Lecture Room, Education Building |  | Midday 2:30pm - 4:00pm | SESSION 21 $\quad$ Chair: Douglas Burkholder |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 21 | 3 | $3: 00$ | SHRT | Jito Vanualailai <br> Emergent Spirograph-like Patterns from Artificial Swarming |
| 17 PM 21 | 4 | $3: 15$ | SHRT | Joshua Holden and Lana Holden <br> Hyperbolic Tilings with Truly Hyperbolic Crochet Motifs |
| 17 PM 21 | 5 | $3: 30$ | SHRT | Loe Feijs, Jun Hu, Liu Jihong and Marina Toeters <br> Design of a nature-like fractal celebrating warp knitting |
| 17 PM 21 | 6 | $3: 45$ | SHRT | Douglas Burkholder <br> Visualizing Affine Regular, Area-Preserving Decompositions of Irregular 3D Pentagons ... |


| Research Room, Basic Science Hall |  |  |  | Midday 2:30pm - 4:00pm | SESSION 22 | Workshop |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 PM 22 | 1 | 2:30 | WORK | Tamir Ashman A Playful Geometry Worksh | ting 3D Poly | ctures from Innovative 2D |

## Coffee Break 4:00-4:30

| Imagination Hall |  |  | Afternoon 4:30pm - 6:00pm Chair: Craig Kaplan |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 23 | 1 | $4: 30$ | REG | Geoffrey Irving \& Henry Segerman <br> Developing Fractal Curves |
| 17 PM 23 | 2 | $5: 00$ | REG | Dorien Herremans \& Kenneth Sörensen <br> Composing First Species Counterpoint with a Variable... |
| 17 PM 23 | 3 | $5: 30$ | REG | Susan Goldstine \& Ellie Baker <br> Building a Better Bracelet: Wallpaper Patterns in Bead Crochet |


| Creation Hall |  | Afternoon 4:30pm - 6:00pm Chair: Carol Bier |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 24 | 1 | $4: 30$ | SHRT | Ma. Louise Antonette De Las Penas, Agnes Garciano and Debbie Marie Verzosa <br> Color Symmetry in the Hand Woven Mats of the Jama Mapun |
| 17 PM 24 | 2 | $4: 45$ | SHRT | David Reimann <br> Art and Symmetry of Scottish Carved Stone Balls |
| 17 PM 24 | 3 | $5: 00$ | SHRT | Mike Naylor <br> Java Runes |
| 17 PM 24 | 4 | $5: 15$ | SHRT | Konstantin Poelke, Zoi Tokoutsi and Konrad Polthier |


| Creation Hall |  | Afternoon 4:30pm - 6:00pm CESSION 24 $\quad$ Chair: Carol Bier |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | Complex Polynomial Mandalas and their Symmetries |
| 17 PM 24 | 5 | $5: 30$ | SHRT | Vladimir Bulatov <br> Inversive Kaleidoscopes and their Visualization |
| 17 PM 24 | 6 | $5: 45$ | SHRT | Carol Bier <br> Sinan's Screens: Networks of Intersecting Polygons in Ottoman Architecture |


| Main Lecture Room, Education Building |  | Afternoon 4:30pm - 6:00pm $\quad$ SESSION 25 |  |  |
| :--- | :--- | :--- | :--- | :--- |
| 17 PM 25 | 1 | $4: 30$ | SHRT | Richard Hassell <br> A Plane-Filling Curve Using Ammann A5 Tiles |
| 17 PM 25 | 2 | $4: 45$ | SHRT | Chirag Mehta <br> Non-periodic Tiles Based on Ammann Set A2 Tiles |
| 17 PM 25 | 3 | $5: 00$ | SHRT | Hartmut F. W. Höft <br> Drawing with Elliptical Arc |
| 17 PM 25 | 4 | $5: 15$ | SHRT | David Chappell <br> Taking a Point for a Walk: Pattern Formation with Self-Interacting Curves |
| 17 PM 25 | 5 | $5: 30$ | SHRT | Harrie Welles <br> Fractional Beauty |
| 17 PM 25 | 6 | $5: 45$ | SHRT | Darrah Chavey <br> Three Color "2:1:1" Designs |


| Research Room, Basic Science Hall |  |  |  | Afternoon 4:30pm - 6:00pm | SESSION 26 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 17 PM 26 | 1 | $4: 30$ | WORK | Karl Schaffer and Erik Stern <br> Loopy Dances |  |

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Dinner for Korean Day
Rose Hill, Seoul Land
    7:30-9:00
(Bus departs at 19:00 in front of Eoullim Hall entrance)
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## MONDAY August 18, 2014

| Eoullim Hall |  |  | Morning 9:30am - 12:30 noon | SESSION 27 $\quad$ Chair: George Hart |
| :--- | :--- | :--- | :--- | :--- |
| 18 AM 27 | 1 | $9: 30$ | PLEN | Cédric Villani <br> The Beautiful Minds |
| 18 AM 27 | 2 | $10: 30$ | PLEN | Hinke M. Osinga and Bernd Krauskopf <br> How to Crochet a Space-Filling Pancake: the Math, the Art and What Next |
| 18 AM 27 | 3 | $11: 30$ | PLEN | Frank Morgan <br> Bubbles and Tilings: Art and Mathematics |

## Lunch 12:30pm - 2:30pm

| Imagination Hall |  |  | Midday 2:30pm - 4:00pm | SESSION 28 |
| :--- | :--- | :--- | :--- | :--- |
| 18 PM 28 | 1 | $2: 30$ | REG | George Hart <br> Geometry Ascending a Staircase |
| 18 PM 28 | 2 | $3: 00$ | REG | Faniry Razafindrazaka and Konrad Polthier Segerman <br> Regular Surfaces and Regular Maps |
| 18 PM 28 | 3 | $3: 30$ | REG | Vi Hart and Henry Segerman <br> The Quaternion Group as a Symmetry Group |


| Creation Hall |  | Midday 2:30pm -4:00pm | SHair: Elaine Ellison |  |
| :--- | :--- | :--- | :--- | :--- |
| 18 PM 29 | 1 | $4: 30$ | SHRT | Carla Farsi and Fabio Rovai <br> The Beauty of an Archetype: Prime Numbers |
| 18 PM 29 | 2 | $4: 45$ | ABST | Cheri Shakiban and Michael Hennessey <br> Mathematics and Mechanics of Byzantine, Greek, Roman and Islamic Architecture |
| 18 PM 29 | 3 | $5: 00$ | ABST | Sujan Shrestha <br> Animated Lines to Animated Perspective |
| 18 PM 29 | 4 | $5: 15$ | SHRT | Mahsa Kharazmi and Reza Sarhangi <br> Geometric Study of Architectural Designs on a Twelfth Century Structure |
| 18 PM 29 | 5 | $5: 30$ | SHRT | Elaine Ellison <br> Common Threads between Mathematics and Quilting |


| Lecture Room V, Education Building |  |  |  | Midday 2:00pm - 3:30pm | SESSION 30 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Research Room, Basic Science Hall |  |  |  | Midday 2:00pm - 3:30pm SESSION 31 Workshop |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 18 PM 31 | 1 | $2: 30$ | WORK | Kyongil Yoon, Hyunkyung Kim and Reza Sarhangi <br> Geometric Constructions of Korean Danchong Patterns And Building Platonic Solids |

## Coffee Break 4:00-4:30

| Creation Hall |  |  | Afternoon 4:30pm - 6:00pm |  |
| :--- | :--- | :--- | :--- | :--- |
| 18 PM | 1 | $4: 00$ | MEET | Bridges Board Meeting |
| 18 PM | 2 | $5: 00$ | MEET | JMA Meeting |

## Bridges Seoul Experimental Theater

## Eoullim Hall

## Bridges Seoul Experimental Theater

Director: Steve Abbott, Professor of Mathematics, Middlebury College, USA
The goal of this event is to provide a spirited, engaging evening of theater that should be as rewarding to the audience as it is to the conference participants who volunteer as actors. The intersection between mathematics and theater has grown substantially in recent years, enough to become an area for scholarly research, but the main thrust of this event will be to create an evening's entertainment consistent with the mathematics/art theme of Bridges.


- When: Monday, 18 August 2014, 7:30 pm
- Where: Eoullim Hall

