

Saturday, November 14, 2015

Nebraska Union (unless otherwise noted)

Time	Event	Location
10 am – 6:30 pm	Art Gallery Open for Viewing	Regency Suite
10:15 am – 10:30 am	Opening Remarks: David Reimann, MoSAIC Project Manager Judy Walker, Chair, UNL Dept. of Mathematics	Auditorium
10:30 am – Noon	Presentations: “Mathematics in the Art of M.C. Escher,” David Reimann (10:30-11) “Paper and Textile Folding – Synergy of Mediums and Techniques,” Chris K. Palmer (11-11:30) “Chemistry and Ceramics,” Jesse Ross (11:30-noon)	Auditorium
	Workshop: “Fun with Math and Origami,” Violeta Vasilevska	Heritage Room
Noon – 1 pm	Break for Lunch	Food Court is open
1 pm – 2:30 pm	MoSAIC Festival Short Films <i>See list of movie titles on page 3.</i>	Auditorium
	Workshops: “Origami from Pre-creased Patterns,” Chris K. Palmer	Heritage Room
	“Demuth and the Distributive Property,” Sondra Bravo, (60- <i>minute workshop for audiences of grades 4-6)</i>	Unity Room, Gaughan Center
2:30 pm – 4 pm	Presentations: “Ernest Haight: Engineer and Quilter,” Jonathan Gregory (2:30-3) “The Math Behind Origami Folds,” Violeta Vasilevska (3-3:30) “More About Conic Sections Than You Thought Possible,” Nick Owad (3:30-4)	Auditorium
	Workshop: “Zometool and Creativity,” Paul Hildebrandt	Heritage Room
4 pm – 5 pm	Presentation: “Mathematics in the MoSAIC Art Exhibition,” David Reimann	Auditorium
5 pm – 6:30 pm	Reception	Regency Suite

Sunday, November 15, 2015 | Nebraska Union (unless otherwise noted)

Time	Event	Location
10:30 am – 4 pm	Art Gallery Open for Viewing	Regency Suite
10:30 am – 4 pm	Activity Tables for Children	Fischer Lounge
10:30 am – Noon	MoSAIC Festival Short Films <i>See list on page 3.</i>	Auditorium
	Workshops: “Zometool and Creativity,” Paul Hildebrandt	Heritage
	“Creating Escher-like Tessellations,” David Reimann	Ubuntu, Gaughan Center
	“Fun with Math and Origami,” Violeta Vasilevska	Unity, Gaughan Center
Noon – 1 pm	Break for Lunch	Food Court is open
1 pm – 2:30 pm	MoSAIC Festival Short Films <i>See list on page 3.</i>	Auditorium
	Workshops: “Shadowfolds – Sew Folding,” Chris K. Palmer	Heritage
	“Creating Escher-like Tessellations,” David Reimann	Ubuntu, Gaughan Center
	“Demuth and the Distributive Property,” Sondra Bravo <i>(60-minute workshop for audiences of grades 4-6)</i>	Unity, Gaughan Center
2:30 pm – 4 pm	MoSAIC Festival Short Films <i>See list on page 3.</i>	Auditorium
	Workshops: “Zometool and Creativity,” Paul Hildebrandt	Heritage
	“Geometry, Art and the Body in Space: Explore the science behind a painting, then use technology and geometry to create a sculpture!” Jessica Masterson, Sharon Kennedy and Erin Poor	Ubuntu, Gaughan Center
	“Fun with Mosaic Designs,” TBD	Unity, Gaughan Center
4 pm – 5 pm	Panel and Closing Remarks David Reimann	Auditorium

UNL MoSAIC Planning Committee: Michelle Homp (chair), Christine Kelley, Nick Owad, Allison Beemer, Erin Schoenbeck, Stephanie Vendetti, Marilyn Johnson and Lindsay Augustyn

Presenters

Sondra Bravo, Fifth-grade teacher, Omaha Public Schools

Jonathan Gregory, Assistant Curator of Exhibitions, International Quilt Study Center and Museum,
University of Nebraska-Lincoln (UNL)

Paul Hildebrandt, Co-founder and co-inventor of Zometool, Inc.

Sharon Kennedy, Director of Education, Sheldon Museum of Art, UNL

Jessica Masterson, Graduate Student, Educational Studies, UNL

Nick Owad, Graduate Student, Department of Mathematics, University of Nebraska-Lincoln

Chris K. Palmer, Digital Fabrication Lab Manager, University of California Berkeley

Erin Poor, Assistant Curator of Education, Sheldon Museum of Art, UNL

David Reimann, MoSAIC Project Manager, Professor, Department of Mathematics and Computer Science,
Albion College, Mich.

Jesse Ross, Clementine Porcelain

~~**Reza Sarhangi**, President, Bridges Organization, and Professor of Mathematics, Towson University~~

Violeta Vasilevska, Associate Professor, Department of Mathematics, Utah Valley University

Short Films' Titles

“Creating an Escher-Like Chessboard,” Kevin Lee

“Taylor Polynomials Tango,” Hua-lun Li

“The Borromean Rings,” Charles Gunn and John Sullivan

“Hexaflexagons,” Vi Hart

“Cutting Sequences on the Double Pentagon,” Diana Davis

“Juggling,” George Hart

“Myriahedral Projections,” Jarke J. van Wijk

“Impossible Motion,” Kokichi Sugihara

“Connecting Dots,” Vi Hart

“Morphohedron,” Stephen Wilmoth and Dugan Hammock

“My Mind is Dancing Happy in the Glowing Light-Stick Ball,” George Hart

“Mazes,” Istvan Oros

“The Optiverse,” George Francis, John Sullivan, Stuart Levy

“The Triptych of the Poincare Disc,” Elvis Popovic

“Hyperdodecahedron,” Gian Marco Todesco

“Change Ringing,” George Hart

“Reel,” Vi Hart