



# BRIDGES LINZ 2019

The interdisciplinary conference  
on art and mathematics.  
For more information please  
visit [bridgesmathart.org](http://bridgesmathart.org)

**JKU**

JOHANNES KEPLER  
UNIVERSITY LINZ

 ARS ELECTRONICA

# 1. Maps

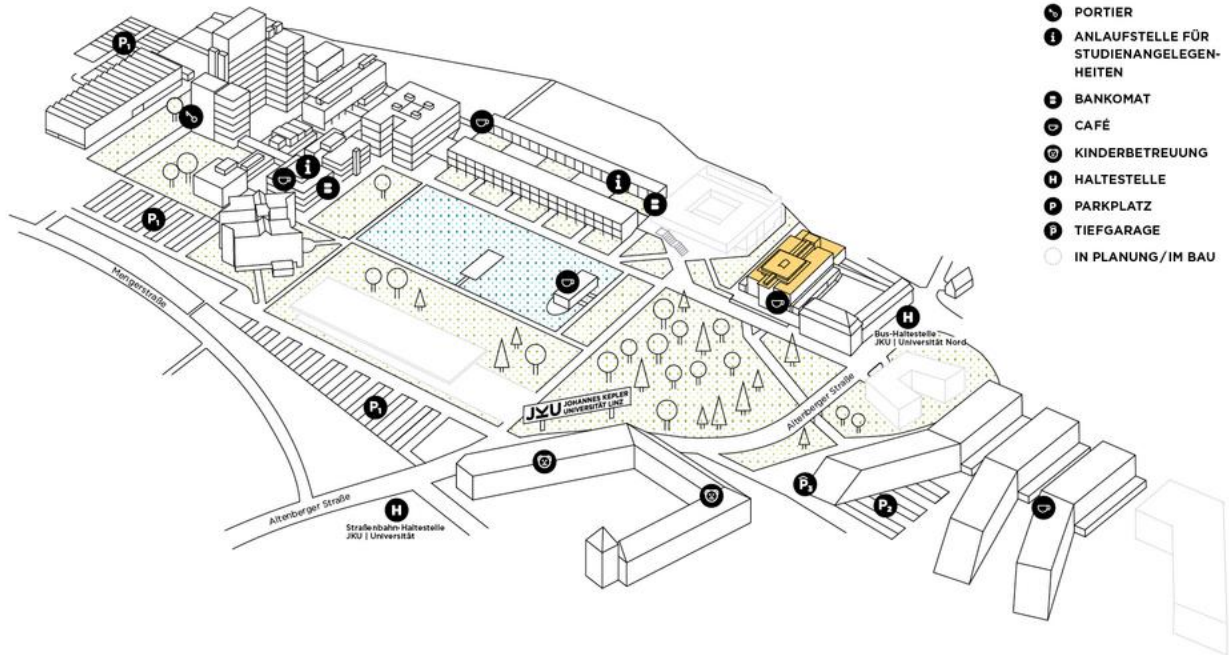
## JKU: Uni Center

1<sup>st</sup> floor:

- Ceremony Room A, B
- Meeting Room 3, 4, 5, 6

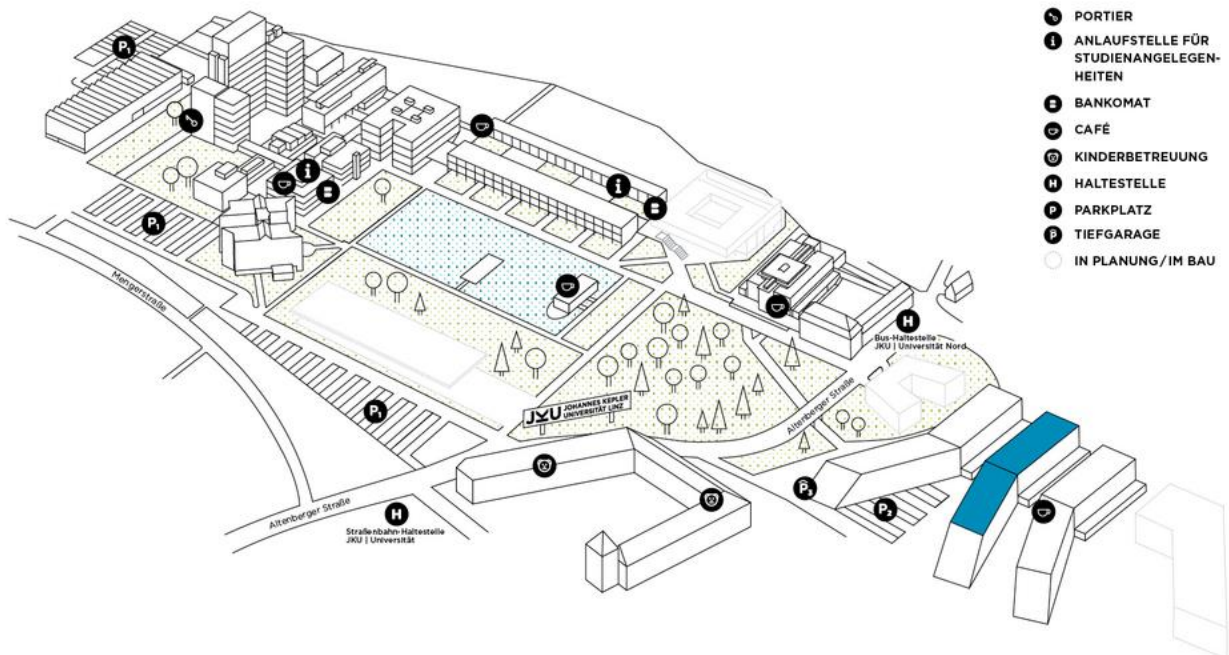
2<sup>nd</sup> floor:

Loft B, C, D (art exhibition)



## JKU: Science Park II (S2)

Rooms: S2 044, S2 046, S2 048, S2 059



## **2. Bridges Linz 2019**

The goal of the Bridges Organization is to foster research, practice, and new interest in mathematical connections to art, music, architecture, education and culture. Since 1998, Bridges has traveled to North America, Europe, and Asia, and has attracted participants from over thirty countries. The 2019 conference will feature paper presentations, hands-on workshops, a visual art exhibition, a Family Day, and arts-related performance events.

**Bridges 2019 is hosted by Johannes Kepler University and Ars Electronica Center in Linz!**

## **3. Linz**

Linz is the capital of Upper Austria. The Danube, Europe's longest river, flows through the center of Linz. The main street, called Landstraße, and the main square are known for the Dreifaltigkeitssäule (Holy Trinity Column) and many historically relevant and architecturally interesting houses. Some other points of interest in Linz are the St. Mary's Cathedral, which is the tallest church in Austria, the Pöstlingberg hill with its pilgrimage church, the steepest mountain rail in the world and the grotto railway on top of the hill and the Brucknerhaus, a concert and congress house named after the composer Anton Bruckner. Other popular attractions are the Ars Electronica Center, the Lentos Art Museum, the Tobacco Factory and the port of Linz including Mural Harbor.

The capital of Upper Austria is hosting a lot of students because of its universities and colleges: Johannes Kepler University, University of Art and Design, Anton Bruckner Private University, Catholic Private University, Universities of Applied Science and Educational colleges.

## **4. Johannes Kepler University Linz**

The Johannes Kepler University Linz (short: JKU) was established in 1966. It has four faculties and three schools: Faculty of Social Sciences, Economics & Business, Faculty of Law, Faculty of Engineering & Natural Sciences, Faculty of Medicine, Linz Institute of Technology, Linz School of Education, Business School. The JKU is a campus university and has approximately 20.000 students and about 130 professors at 127 institutes.

### **STEAM Education in Linz**

There is a growing emphasis for encouraging creative thinking in mathematics education and needs to develop connections of mathematics with other subjects. Activities focusing on the creative process, rather than concentrating on achieving only results for posed problems, are being designed and trialled by innovative groups around the world. Often involving Arts, in a broader sense of design and creation, can be good a starting point for students to find their own interests and follow their own way of learning. Such creative activities often involve the development of collaborative problem-solving skills utilising students' strengths in different areas that adds up at the group level. Furthermore, such activity designs and the opportunities offered by the availability of digital technologies inevitably afford new multi- and trans-disciplinary approaches for education. In Linz, at Johannes Kepler University (JKU), GeoGebra, Arts University and Ars Electronica Centre, we introduce ideas and examples for mathematics teaching involving STEM to STE-A-M transitions. Our teams are involved in research, mainly in our STEAM Education doctoral programme at JKU with more than 25 PhD students; develop new technologies for mathematics teaching, the main development centre for GeoGebra is in Linz; engage, exhibit, and develop arts- and technology-related projects at Arts University and Ars Electronica Centre.

## 5. Conference Schedule

Monday July 15, 2019		
2:00pm – 6:00pm	Registration	Uni Center, 1 <sup>st</sup> floor

Tuesday July 16, 2019			
8:30am – 5:00pm	Registration		Uni Center, 1 <sup>st</sup> floor
9:00am – 9:30am	Team Linz: <i>Markus Hohenwarter, Andreas Bauer, Zsolt Lavicza, Barbara Lichtenegger, Sandra Reichenberger</i> Opening Session		Ceremony A+B
9:30am – 10:30am	<i>Reza Sarhangi Memorial Lecture: Allan McRobie</i> The Seduction of Curves		Ceremony A+B
10:30am – 11:00am	Coffee break		Uni Center
11:00am – 12:00	<i>Oskar van Deventer</i> That is Not Art, It Is a Puzzle!		Ceremony A+B
12:00 – 1:00pm	Art Exhibition Opening		Uni Center, 2 <sup>nd</sup> floor
12:00am – 2:00pm	Lunch break		
<b>2:00pm – 3:30pm Regular Paper Session 1, 2, 3</b>			
Room	Ceremony A+B	Meeting Room 3	Meeting Room 6
2:00	<i>Uyen Nguyen, Ben Fritzon, Marcus Michelen</i> Folding Functions: Origami Corrugations from Equations	<i>Jeffrey Ventrella</i> Portraits from the Family Tree of Plane-filling Curves	<i>Carlo H. Séquin</i> From Seifert Surfaces to Star Cinders
2:30	<i>Rinus Roelofs</i> Helixations	<i>Joerg Arndt, Julia Handl</i> Puzzling plane-filling curves	<i>María Antonieta Emparan</i> The Planar Crystallography Groups as an Iconographic Analysis Tool in Islamic Art
3:00	<i>George Hart (Chair)</i> Max Brückner's Wunderkammer of Paper Polyhedra	<i>Tom Bates (Chair)</i> A Generalization of the Chaos Game	<i>Roger Burrows (Chair)</i> Reconstructions Early Islamic Geometries of Space Applied to Surface Designs
<b>2:00pm – 3:30pm Sort Paper Session 1 S2 048</b>			
2:00	<i>Karina Amalia Rizzo, Laura Sombra del Río, Mónica Ester Manceñido</i> Looking at Mathematics through the Lens of a Camera		
2:15	<i>Mehtap Kuş, Erdinç Çakıroğlu</i> Eliciting Students' Visual-Spatial Thinking Processes in an Art Studio		
2:30	<i>Kit Lee, Rachel Lim, Oi Mei Teo</i> Perception of Students in an Arts-Integrated Mathematics Performance Task		

<b>2:45</b>	<i>Jeanette McLeod, Phillip Wilson, David Pomeroy, Erik Brogt</i> Maths Craft in Class	
<b>3:00</b>	<i>Sara Hinterplattner, Barbara Sabitzer, Jakob Skogø</i> The Children's Congress at the JKU Linz: Young Researchers and Interdisciplinary Projects	
<b>3:15</b>	<i>Anna Maria Hartkopf (Chair)</i> Citizen Art—Collective Mathematical Art to Raise the Public Awareness of Mathematics	
<b>2:00pm – 3:30pm Workshops 1, 2</b>		
<b>Room</b>	<b>S2 044</b>	<b>S2 059</b>
<b>2:00 – 3:30</b>	<i>Emily Grosholz, Sarah Glaz</i> How to Use Prime Numbers and Periodicity to Write a Poem	<i>Lali Barrière</i> Exploring Randomness in Digital Art  <i>Bring your own device with a free-access software, "Processing" installed from <a href="https://processing.org/download/">https://processing.org/download/</a></i>
3:30pm – 4:00pm Coffee break Uni Center / Science Park 2		
<b>4:00pm – 5:30pm Regular Paper Session 4, 5</b>		
<b>Room</b>	<b>Ceremony A+B</b>	<b>Meeting Room 3</b>
<b>4:00</b>	<i>Loe Feijs, Marina Toeters</i> Exploring a Taxicab-based Mandelbrot-like Set	<i>Samuel Milner, Carolina Duque, Susan Gerofsky</i> Dancing Euclidean Proofs: Experiments and Observations in Embodied Mathematics Learning and Choreography
<b>4:30</b>	<i>Bernat Espigule</i> A Family of Fern-like Complex Trees	<i>Karl Schaffer (Chair)</i> Three-Dimensional Symmetries in Dance and Other Movement
<b>5:00</b>	<i>Gary Greenfield (Chair)</i> Generative Art from One-Dimensional Chip-Firing Automata	
<b>4:00pm – 5:15pm Short Paper Session 2, 3</b>		
<b>Room</b>	<b>Meeting Room 6</b>	<b>S2 048</b>
<b>4:00</b>	<i>Jiangmei Wu, Matthias Weber</i> Double-layered Weaving of Infinite Bi-foldable Polyhedral Complexes	<i>John Nicholson</i> Curve Stitching Density Plots
<b>4:15</b>	<i>Tom Verhoeff, Koos Verhoeff (Chair)</i> The Obtetrahedron as a Modular Building Block for 3D Mathematical Art	<i>Saara Lehto, Anne-Maria Ernvall-Hytönen, Tommi Sottinen</i> Divisible Skylines: Exploring Least Common Multiples and Divisibility through Visual Art
<b>4:30</b>	<i>Alewyn Burger</i> Combining Two Pictures on a Miura Fold	<i>Milena Damrau</i> Sombrero Vueltiao — Weaving Mathematics

<b>4:45</b>	<i>Klara Mundilova</i> Curved Crease Folds of Spherical Polyhedra with Regular Faces	<i>Shai Gul, Daniel Cohen</i> The Hairy Klein Bottle	
<b>5:00</b>	<i>Chirag Mehta (Chair)</i> Search for a Perfect Unequal Trapezohedron with Similar Faces	<i>Karl Kattchee (Chair)</i> Grid-Based Circuits from de Bruijn Sequences	
<b>4:00pm – 5:30pm Workshops 3, 4, 5</b>			
<b>Room</b>	<b>S2 044</b>	<b>S2 046</b>	<b>S2 059</b>
<b>4:00 – 5:30</b>	<i>Annette Mauer, Melissa Silk, Lisa Giles</i> A Synthesis of Sectors  <i>maximum 30 participants</i>	<i>Andrea Capozucca, Marco Fermani</i> Make Music Visible, Play Mathematics  <i>maximum 24 participants</i>	<i>Marina Menna Barreto, Keri Howard</i> Weaving Mondrian with GeoGebra  <i>maximum 15 participants, bring your own laptop</i>
<b>7:00pm – 9:00pm Evening Event at Tabakfabrik</b>			

## Wednesday July 17, 2019

8:30am – 5:00pm	Registration	Uni Center, 1 <sup>st</sup> floor	
9:00am – 10:00am	<i>Helmut Pottmann</i> Discrete and Computational Differential Geometry for Functional Pattern Design	Ceremony A+B	
10:00am – 10:30am	Coffee break	Uni Center	
10:30am – 11:15am	<i>Elisabetta Matsumoto</i> Twisted Topological Tangles: Or the Knot Theory of Knitting	Ceremony A+B	
11:15am – 12:00	<i>Johannes Braumann</i> Creative Robotics	Ceremony A+B	
12:00am – 2:00pm	Lunch break (JMA board lunch by invitation)		
<b>2:00pm – 3:30pm Regular Paper Session 6, 7, 8</b>			
Room	Ceremony A+B	Meeting Room 3	Meeting Room 6
2:00	<i>D. Jacob Wildstrom</i> (Chair) Symmetries of Interlocking Crochet Designs	<i>Jordan Schettler, Mitchell Chavarria</i> The Secret behind the Squiggles: Guitars with Optimally Curved Frets	<i>Georg Grasegger, Jan Legerský, Josef Schicho</i> Animated Motions of Exceptional Flexible Instances of Generically Rigid Graphs
2:30	<i>Douglas Dunham, Lisa Shier</i> Embroidery of a Hyperbolic Fish Pattern	<i>Ion Bica, Zhichun Zhai, Rui Hu, Mickey Melnyk</i> Sound Signature Detection by Probability Density Function of Normalized Amplitudes	<i>James Mai</i>  Shape-Partitions: New Elements, New Artworks
3:00	<i>Abdalla G. M. Ahmed, Eva Knoll</i> Tuti-Like Interweaving	<i>Nadav Drukker (Chair)</i>  Ceramics Inspired by String Theory	<i>Andrew Simoson (Chair)</i>  Which Flower is It?
<b>2:00pm – 3:30pm Sort Paper Session 4 S2 048</b>			
2:00	<i>Hans Kuiper, Henk Rusman</i> A Tribute to M.C. Escher in the Crop Fields of Fryslân		
2:15	<i>Doris Schattschneider</i> Escher's Polyhedral Models		
2:30	<i>Ellie Baker, Kevin Lee</i> Tessellated Seven-Color Tori		
2:45	<i>Diego Lieban, Bjarnheiður Kristinsdóttir, Zsolt Lavicza</i> Setting a Creative Math Task with SET 3D: Modeling Physical Pieces through Digital Resources		
3:00	<i>David Reimann (Chair)</i> Symmetry Patterns from Multiple Identically Patterned Cubes		

2:00pm – 3:30pm Workshops 6, 7, 8			
Room	S2 044	S2 046	S2 059
2:00 – 3:30	<p><i>Melissa Silk, Corey Stewart, Annette Mauer</i></p> <p>Hungry Birds – a STEAM experience</p>	<p><i>Alan Russell, William DeMichele, Nicole Holland, Caroline Lanzarone, Nettie Leepson</i></p> <p>The Organ Base in Origami: Teaching Mathematics and Creativity in the Elementary Classroom</p>	<p><i>Giulia Bini, Ornella Robutti</i></p> <p>Yo Math Is So Arty: Inspiring Creative Learning with Mathematical Internet Memes</p> <p><i>Bring laptops or tablets!</i></p>
3:30pm – 4:00pm Coffee break Uni Center / Science Park 2			
4:00pm – 5:30pm Regular Paper Session 9, 10			
Room	Ceremony A+B		Meeting Room 3
4:00	<p><i>Chamberlain Fong, Douglas Dunham</i></p> <p>Hyperbolization on a Squircular Continuum</p>		<p><i>Martin Flashman</i></p> <p>Mapping Diagrams and a New Visualization of Complex Functions with GeoGebra</p>
4:30	<p><i>Eryk Kopczynski, Dorota Celińska-Kopczyńska</i></p> <p>Conformal Mappings of the Hyperbolic Plane to Arbitrary Shapes</p>		<p><i>Matteo Torre</i></p> <p>Impossible Pictures: When Art Helps Math Education</p>
5:00	<p><i>Craig Kaplan (Chair)</i></p> <p>Animated Isohedral Tilings</p>		<p><i>Diego Lieban, Zsolt Lavicza (Chair)</i></p> <p>Dissecting a Cube as a Teaching Strategy for Spatial Reasoning: Combining Physical and Digital Resources</p>
4:00pm – 5:30pm Short Paper Session 5, 6			
Room	Meeting Room 6		S2 048
4:00	<p><i>Stefanie Hittmeyer, Bernd Krauskopf, Hinke Osinga</i></p> <p>Generalized Julia Sets: From Cantor Bouquet to Cantor Cheese</p>		<p><i>Jean Francois Maheux</i></p> <p>Experiencing Mathematics through Astonishment</p>
4:15	<p><i>Vaclav Kucera</i></p> <p>New Generalizations of Quadratic Julia Sets to 3D</p>		<p><i>Demian Nahuel Goos</i></p> <p>Magritte Meets Matisse Meets Mathematics</p>
4:30	<p><i>Roza Aceska, Ben O'Brien</i></p> <p>Artistic Excursions with the Sierpinski Triangle</p>		<p><i>Natalija Budinski, Zsolt Lavicza</i></p> <p>Teaching Advanced Mathematical Concepts with Origami and GeoGebra Augmented Reality</p>



4:45	<i>Martin Pham</i> Visually Synthesizing the Genotype-Phenotype Distinction in Cannabis Sativa	<i>John Lind</i> Sandpiles and Synthesizers: Listening to the Discrete Laplacian
5:00	<i>Debanuj Chatterjee</i> Fractal Analysis of a Sequence of LSD-Influenced Self-Portraits	<i>Eric Worcester (Chair)</i> Rhythm Domes — Applications of Euclid's Algorithm to Architecture
5:15	<i>Gregg Helt (Chair)</i> Mandelshapes: Thinking Outside the Mandelbox	
<b>4:00pm – 5:20pm Abstract Session S2 044</b>		
4:00	<i>Ingrid Graz</i> Skin-inspired Electronics and the Art of (Im)perfection	
4:10	<i>Yoshifumi Matsuda</i> Topological Study of Sepak Takraw Ball	
4:20	<i>Helena Verrill</i> Variations on Three Intersecting Circles	
4:30	<i>Hossein Behforooz</i> More on the Artistic Aspects of Benjamin Franklin Magic Squares	
4:40	<i>Mingjang Chen</i> Leaping Iteration with Two Generators for Drawings	
4:50	<i>Ruana Maíra Schneider</i> Developing the Game SET for android using JAVA by High School students	
5:00	<i>Polyana Perosa</i> Simulating a Scissor Lift through a Geometric Modeling Approach: Integrating Physical and Digital Resources	
5:10	<i>Richard Nau (Chair)</i> Jim Dine and the Austrian Geo-heart	
<b>4:00pm – 5:30pm Workshops 9, 10</b>		
<b>Room</b>	<b>S2 046</b>	<b>S2 059</b>
4:00 – 5:30	<i>Edith Lindenbauer, Sandra Reichenberger</i>  Using GeoGebra and 3D printing for introducing Voronoi diagrams in school  <i>maximum 25 participants</i>	<i>Michael Acerra, Matias Kaukolinna, Alexey Ivchenko, Kristóf Fenyvesi</i>  Exploring Kaleidocycles with LUX BLOX
<b>8:00pm – 9:30pm Formal Music Night at Anton Bruckner Private University</b>		

<b>Thursday July 18, 2019</b>		
8:30am – 5:00pm	Registration	Uni Center, 1 <sup>st</sup> floor
<b>9:00am – 12:00</b>	<b>Plenary session (Austrian Day)</b>	<b>Ceremony A+B</b>
9:00am – 9:30am	Team Linz: <i>Barbara Lichtenegger, Zsolt Lavicza, Andreas Bauer</i> STEAM in Linz	
9:30am – 10:10am	<i>Peter Paule</i> Kepler: A Poet Needs to be a Seer - Thoughts on Mathematical Art and Creativity	
10:10am – 10:40am	Coffee break	Uni Center
10:40am – 11:20am	<i>Georg Glaeser</i> About crop circles, optical illusions, and humour in mathematics	
11:20am – 12:00am	<i>Gerfried Stocker</i> AI meets Art	
12:00am – 2:00pm	Lunch break	
<b>2:00pm – 3:30pm</b>	<b>Regular Paper Session 11, 12</b>	
Room	Ceremony A+B	Meeting Room 3
2:00	<i>Peter Stampfli</i> Fractal Images from Multiple Inversion in Circles	<i>Andreia Hall, Isabel Brás, Sónia Pais</i> Interlacing Mathematics and Art: Hands-on Non-Euclidean Geometry
2:30	<i>Clayton Shonkwiler</i> Stiefel Manifolds and Polygons	<i>Jeanette McLeod, Phillip Wilson</i> Maths Craft New Zealand: An Unexpected Journey
3:00	<i>Kerry Mitchell (Chair)</i> Fun with Newton's Method	<i>James Mallos (Chair)</i> Deriving Baskets
<b>2:00pm – 3:30pm</b>	<b>JMA Session 1</b>	
	<b>Meeting Room 6</b>	
2:00	<i>António Bandeira Araújo</i> Ruler, compass, and nail: constructing a total spherical perspective	
2:30	<i>Sânziana Caraman, Lorelei Caraman</i> Brouwer's fixed point theorem and the madeleine moment	
3:00	<i>Patricia Bentley (Chair)</i> Star taker: art, science and mathematics in an astrolabe from fourteenth-century Spain	
<b>2:00pm – 3:30pm</b>	<b>Short Paper Session 7, 8</b>	
Room	S2 048	S2 044
2:00	<i>Roos van Berkel, Tom Verhoeff</i> Lehmer's Dance: A Lecture Performance	<i>Ioanna Symeonidou</i> The Magnified Pixel: Digitally Fabricated Prototypes at the Intersection of Art, Mathematics, and Architecture
2:15	<i>Daniela Bertol</i> Mindful Geometries: Making and Moving Inside the Icosahedron	<i>Sandra Reichenberger, Diego Lieban, Cecilia Russo, Barbara Lichtenegger</i> 3D Printing to Address Solids of Revolution at School

<b>2:30</b>	<i>Valeria González Roel, Teresa F. Blanco, Raquel Valuja, José Manuel Diego Mantecón</i> Light and Geometry: An Artistic-Mathematical Experience in Primary School	<i>Walt van Ballegooijen, Hans Kuiper</i>  A Minimal Art Object with Six Horses in a Carousel
<b>2:45</b>	<i>Jouko Koskinen, Petteri Mäkinieni</i> Polyhedral Music	<i>Kate Jones</i> The Surprising Symmetry Pairs of 24 Di-Oct Ochominoes Tiles
<b>3:00</b>	<i>Srividhya Balaji</i> Exploring Raaga Improvisations of Carnatic Music with Mathematical Proof Writing	<i>Barbara Lichtenegger</i> Light Painting: Visualization with and through Light
<b>3:15</b>	<i>Donald Spector (Chair)</i>  Images Produced via Modular Multiplicative Inverse Filters	<i>Elisabetta A. Matsumoto, Henry Segerman (Chair).</i> Geared Jitterbugs
<b>2:00pm – 3:30pm Workshops 11, 12</b>		
<b>Room</b>	<b>S2 046</b>	<b>S2 059</b>
<b>2:00 – 3:30</b>	<i>Elizabeth Lugosi</i>  Active Learning ArtMath Project in College Algebra Classes  <i>maximum 30 participants, bring a pen or pencil</i>	<i>Briony Thomas, Azael Capetillo, Alejandra Díaz de León, Fabio López, Rafael Machado</i> A Shape-based Approach to Creativity and Connection Making
<b>3:30pm – 4:00pm Coffee break Uni Center / Science Park 2</b>		
<b>4:00pm – 5:30pm Regular Paper Session 13, 14</b>		
<b>Room</b>	<b>Ceremony A+B</b>	<b>Meeting Room 3</b>
<b>4:00</b>	<i>Robert Bosch, Abagael Cheng, Ari Smith</i> Exploring Szpakowski's Linear Ideas	<i>Iggy McGovern</i> Making A Mystic Dream of 4
<b>4:30</b>	<i>Erik D. Demaine, Martin L. Demaine, Tomoko Taniguchi, Ryuhei Uehara</i> Impossible Folding Font	<i>Lisa Lajeunesse</i> Graeco-Latin Square Poems
<b>5:00</b>	<i>Robert Fathauer (Chair)</i> <i>Walkable Curves and Knots</i>	<i>Paul Gailiunas (Chair)</i> Bridges and Artists
<b>4:00pm – 5:00pm JMA Session 2 Meeting Room 6</b>		
<b>4:00</b>	<i>Menno Hubregtse</i> Concrete curves: architectural curvilinearity, Descartes' Géométrie, Leibniz's calculus and Eero Saarinen's TWA terminal	
<b>4:30</b>	<i>Carlo H. Séquin (Chair)</i> Möbius bridges	

4:00pm – 5:30pm Short Paper Session 9, 10		
Room	Meeting Room 6	S2 044
4:00	<i>Jonathan Heddle, Agnieszka Kowalczyk, Bernard Piette</i> Hendecagonal Near-miss Polyhedral Cages	<i>Petra Surynkova</i> Exploring Simple Geometries Using Beaded Jewelry
4:15	<i>Liang-Chen Peng</i> Creating Deltahedra with Unfolded Net of Tetrahedron	<i>Hedy Hempe</i> Quest for the Golden Egg
4:30	<i>Ulrich Reitebuch, Martin Skrodzki, Konrad Polthier</i> Discrete Gyroid Surface	<i>Krystian Kazaniecki, Michał Wojciechowski</i> Regular Whitney Coverings
4:45	<i>Josep Tarres, Luis Sanchez Cuenca, Manuel Moreno, Toni Vinyes</i> Art and Math Using an Equally Linked Tetrahedron	<i>Anna Chupa, Michael Chupa</i> Florautomata   Faunautomata
5:00	<i>Shen-Guan Shih, Chih-Hung Yen, Long-Wei Chou</i> Extensible Structures of Interlinking SL Strands	<i>Alexander Astrom, Christoffer Astrom</i> Braids Formed by the Impression of Knots
5:15	<i>Bih-Yaw Jin (Chair)</i> Bead-Chain Construction Set and Interlocking Puzzle Inspired by Polyhedranes	<i>Elaine Ellison (Chair)</i> The Sum of Odd Integers Quilt
4:00pm – 5:30pm Workshops 13, 14		
Room	S2 046	S2 059
4:00 – 5:30	<i>Antonio Araujo</i>  A Fisheye Gyrograph: Taking Spherical Perspective for a Spin  <i>maximum 20 participants</i>	<i>Kristóf Fenyvesi, Christopher Brownell, Hannu Salmi, Ho Gul Park, Adela Muntean, Matias Kaukolinna, Helena Thuneberg, Franz Bogner, Zsolt Lavicza</i> Environmental Problem-solving and Hands-on Geometry Learning through Storytelling inside a Geodesic Dome: Ice, Honey and Stardust
7:30pm – 9:00pm Evening Event at Ars Electronica Center		

Friday July 19, 2019		
8:30am – 5:00pm	Registration	Uni Center, 1 <sup>st</sup> floor
9:00am – 10:00	<i>Lynn Gamwell</i> The Foundations of Mathematics and Art: Form, Logic, Intuition	Ceremony A+B
10:00am – 10:30am	<i>John Sullivan</i> Symmetry in Koloman Moser's Flächenschmuck	Ceremony A+B
10:30am – 11:00am	Coffee break	Uni Center
11:00am – 11:30am	<i>Gabriele Meyer</i> Yarn: Not just for Socks any More	Ceremony A+B
11:30am – 12:00	Announcements	Ceremony A+B
12:00am – 2:00pm	Lunch break	
<b>2:00pm – 6:00pm</b>	<b>Family Day / Poetry Reading / Short Film Festival / Theater Event / Demoscene</b>	
2:00pm – 6:00 pm	Family Day	University of Art and Design, SPLACE Gallery
2:00pm – 4:00 pm	Poetry Reading	University of Art and Design
2:00pm – 3:15pm	Short Film Festival (1 <sup>st</sup> screening)	Ars Electronica Center
3:30pm – 4:30pm	Demoscene	Ars Electronica Center
4:45pm – 6:15pm	Short Film Festival (2 <sup>nd</sup> screening)	Ars Electronica Center
4:45pm – 6:15pm	Theater Event	University of Art and Design
8:30am – 7:00pm	SPLACE Gallery	University of Art and Design
<b>8:00pm – 11:00pm</b>	<b>Informal Music Night at JKU</b>	Ceremony A+B

Saturday July 20, 2019		
EXCURSION DAY		

## 6. Event Details

### Art Exhibition

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**Place:** Johannes Kepler University  
Uni-Center  
Loft B, C, D, 2<sup>nd</sup> floor

**Opening:** Tuesday, 12:00 – 1:00pm

### 3rd Annual Reza Sarhangi Fund Art Auction

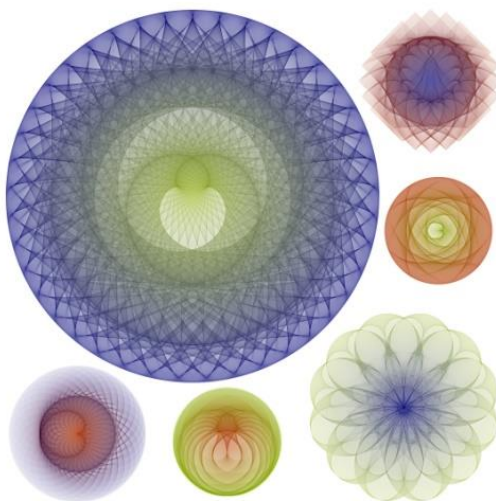
Donations will fund Bridges Conference Travel Scholarships for Students

Please go to [RezaFund.org](http://RezaFund.org) to bid on pieces by the artists listed below. Pieces in the Art Exhibition that are in the auction are marked with a small green dot. Bidding will end at exactly **2pm on July 18**. Winning bidders will be notified by email. Winning bidders must pick up artwork during the dismantling of the Art Exhibition on **July 19, 12 - 2pm** and are responsible for transporting or shipping artwork home. Payments will be made by credit or debit card through a contribution to the Reza Sarhangi fund online and must be made before picking up artwork. We are not able to accept cash payments.

A Huge Thank You to all our Generous Art Auction Donors!

Paul Ashwell, Ellie Baker, Erika Balogh, Chris Bartlett, Tom Bates, Regina Bittencourt, Bronna Butler, Amenda Chow, Andrea Dozmati, Mircea Draghicescu, Elaine Ellison, Juan Escudero, Robert Fathauer, Paul Gailinunas, Amanda Garcia, Richard Harrington, Margaret Kepner, Joo Kim, Teja Krasek, Paula Krieg, Kerry Mitchell, Uyen Nguyen, John Nicholson, Guy Petzall, Martin Pham, Carlo Sequin, Clayton Shonkwiler, Andrew Smith, Bogdan Soban, Aiman Soliman, Susana Sulic, Emanuela Ughi, Ligia Unanue, Suman Vaze, Jiangmei Wu, Yanxiang Zhang

If you have any question contact Eve Torrence in person or at [etorrenc@rmc.edu](mailto:etorrenc@rmc.edu)



“Variations on Curve Stitching, #2” by John Nicholson

## SPLACE Gallery

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**Place:** University of Art and Design  
Hauptplatz 6, 4020 Linz (Tram stop: Hauptplatz)

### Opening hours:

Wednesday, July 17: 3:00pm – 7:00pm

Thursday, July 18: 3:00pm – 7:00pm

Friday, July 19: 8:30am – 7:00pm

Special program, 2:00pm – 7:00pm: Bridges Family Day Workshop  
AFRICAN ART SHAPES by Catherina Steyn (Nelson Mandela  
University, South Africa), more info: [www.familyday.hu](http://www.familyday.hu)

Saturday, July 20: 8:30am – 7:00pm

Special program, 10:00pm – 6:00pm: Experience Workshop's STEAM-  
SPLACE-4-Kids. Various math-art workshops and activities for children  
above the age of 3.

The SPLACE Gallery of the Art University Linz presents two special exhibitions and programs at the Bridges conference 2019. The "Light, Shapes and Numbers" exhibit is featuring the following three artists: BARBARA LICHTenegger, GABRIELE E. MEYER and EUGEN JOST. This exhibit combines artistic, mathematical and technological topics. The "John A. Hiigli" Children and Youth Math-Art Exhibit by Experience Workshop is introducing more than 500 math-artworks made by children from all around the world.

### LICHTenegger, MEYER and JOST – Light, Shapes and Numbers

BARBARA LICHTenegger presents both oil and light paintings that are building bridges between traditional techniques and the new technology of 3D printing.

GABRIELE MEYER's work focuses on light and shadow, to form shapes, solid surfaces and holes. Details of the artwork emerge fully when light shines at and through the different textures of the art piece allowing impressive effects to arise.

The exhibition is complemented by digital prints created by EUGEN JOST based on his project "Everything is Number".



BARBARA LICHTenegger: light painting, backlit with different colors

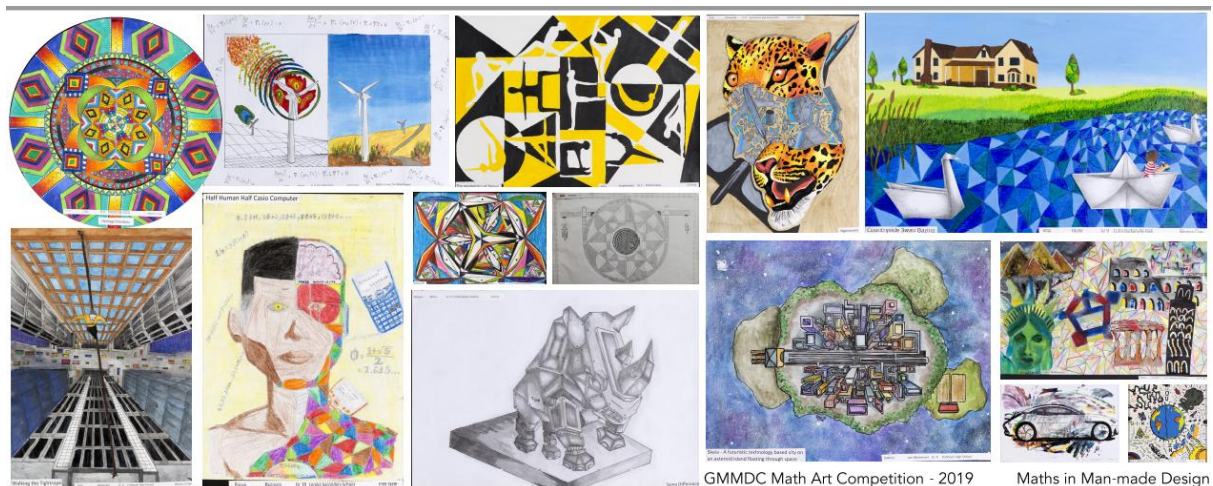


Gabriele Mayer: White and Yellow Blossom: 83cm x 49cm x 49 cm, 500g

Explore the artists and their works!

### The “John A. Hiigli” Children and Youth Math-Art Exhibit

Curated by Kristóf Fenyvesi, Catherina Steyn, Werner Olivier, Christopher Brownell & Zsolt Lavicza



GMMDC Math Art Competition - 2019 Maths in Man-made Design

The Bridges Children and Youth Math-Art Exhibits were originally initiated by John A. Hiigli (1943-2017), painter and educator, and the founder of the Jardin Children’s Art Galerie in New York (<http://jardinalgalerie.org>). Currently, the growing collection is facilitated by Kristóf Fenyvesi and his colleagues from the Experience Workshop International STEAM Movement ([www.experienceworkshop.org](http://www.experienceworkshop.org)). In the SPLACE Gallery we present the screened exhibition of more than 500 children and youth mathematical artworks collected all around the world. Our special guests are 12 original pieces from South African secondary school learners who entered the GMMDC National Math Art Competition.



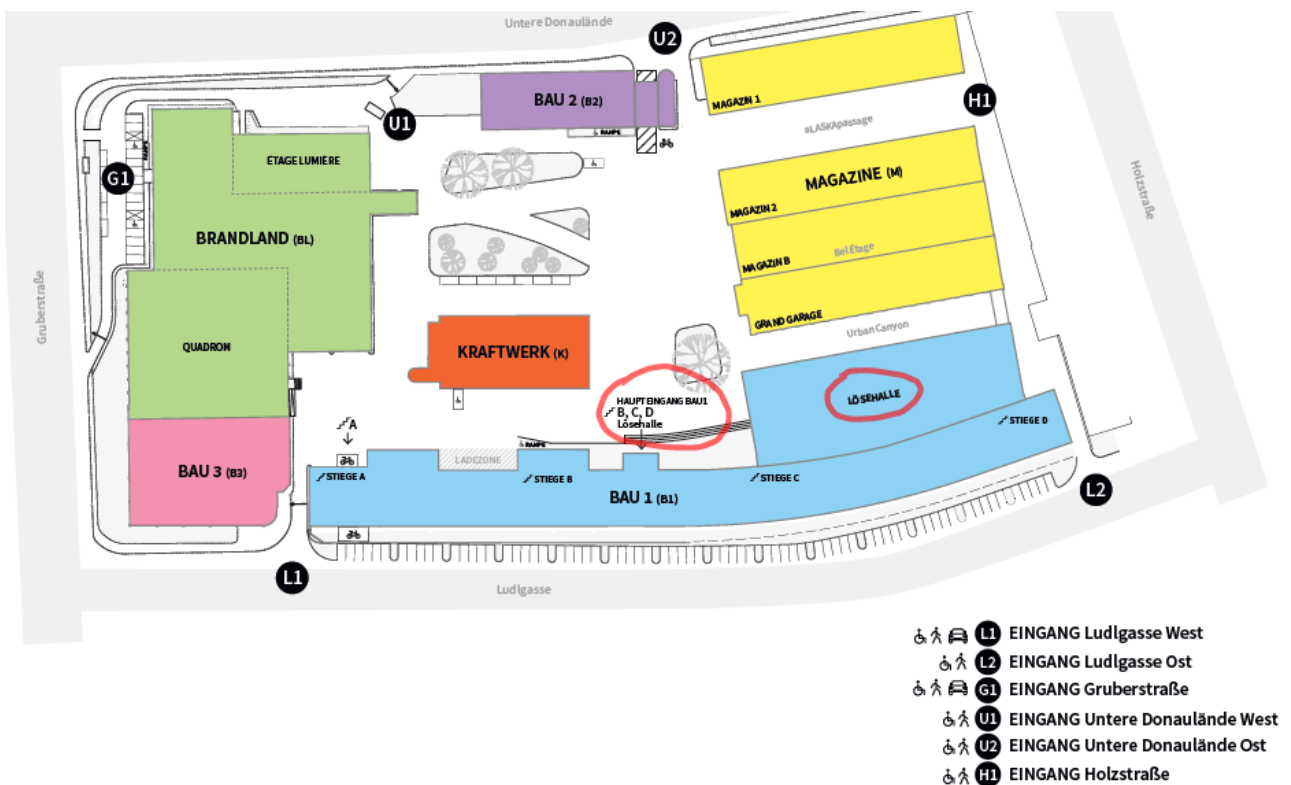


## Evening Event at Tabakfabrik

**Time:** 7:00pm

**Place:** Lösehalle, Peter-Behrens-Platz 1-15, 4020 Linz

**Arriving by public transport:** The Tabakfabrik Linz is situated in the heart of the Upper Austrian capital – perfectly connected to public transport. Its main entrance is located at Gruberstraße. Bus route 12 (Stop Parkbad) or Bus route 25 (Stop Parkbad) or Bus route 26 (Stop Lüfteneggerstraße) or Bus route 27 (Stop Lederergasse).



The city of Linz acquired this area in the year 2009 and the buildings, in the style of New Objectivity, have since been transformed into a hotspot for cultural and creative industries, digitalisation, start-ups and first-class events. Currently, more than 1,600 people work in around 250 companies and organisations on the site—much more than at the end of tobacco production. Starting in the year 2020, the NeuBau 3 will represent a new landmark on the site of the Tabakfabrik Linz, which will gradually form a vibrant city district with around 3,000 workplaces, hotels, educational facilities, as well as residential and shopping facilities.

## Eugen Jost

The visit will include a lecture by Eugen Jost, is a Swiss artist, born in Zürich, whose work is strongly influenced by mathematics.

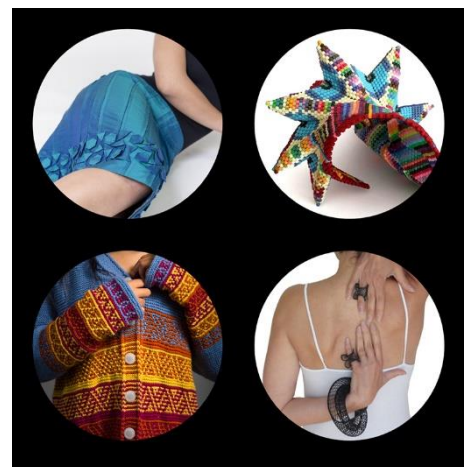
His early career was a technical one: after taking an apprenticeship with Siemens-Albis Telecommunications and working as a technical designer at Bobst et fils in Lausanne, he went on to Teacher Training College in Bern, later becoming a teacher and an instructor in Matten/Interlaken and Spiez. For the past twenty-five years, he has studied and worked in the field of art, particularly pottery, sculpture, and painting.



He likes to experiment with signs and numbers, letters and characters, and his preferred techniques and materials are currently acrylic colours and computer graphic. His artworks and illustrations can be found in numerous books. Together with Peter Baptist and Carsten Miller of the University of Bayreuth he has launched the project “Everything is Number”. It resulted in art calendars, books and in an exhibition that was shown in many European Cities.

## Math+Fashion Show

The visit will also include the second Bridges Math+Fashion Show. The show will feature a stunning array of apparel and accessories from designers spanning the globe. From Fibonacci and fractals to topology and tilings, this presentation of knitwear, beadwork, origami, and more will be a feast for the eyes.



## Formal Music Night at Anton Bruckner Private University



**Time:** 8:00pm

**Place:** Hagenstraße 57, 4040 Linz (Großer Saal)

**Arriving by public transport:** <https://www.bruckneruni.at/de/top/kontakt/>

There is an additional shuttle bus to Anton Bruckner Private University. You can buy a ticket at registration (10 €). Limited tickets are available!

### “ASR – algorithmic and stochastic resonance”



Bridges 2019's Music Night features a concert of algorithmic and stochastic compositions, improvisations and realtime processing organised by the Computer Music Studio of the Institute of Composition, Conducting and Computer Music in cooperation with the Institute of Keyboard Instruments at the ABPU. CMS Organisation: Andreas Weixler & Se-Lien Chuang

Program and further information:

<http://avant.mur.at/concerts/2019/Bridges/>

### Anton Bruckner Private University for music, drama and dance

The Anton Bruckner Private University is an open, innovative centre for the arts, where the performers and teachers of tomorrow receive an individualized education in music, drama and dance. As one of the six Austrian universities for music and drama, and one of the four universities in Linz, the UNESCO City of Media Arts, the Bruckner University sees its role both as a training ground for performing, teaching and academic research, and as an important agent in the development and communication of the arts. The new building of the Bruckner University impresses with its striking architecture and creates the ideal environment for multi-faceted encounters with music, drama and dance.

The range of courses offered by the Bruckner University include performance and teaching degrees in the classical instrumental categories and in Vocal Studies, Early Music, jazz, composition, contemporary dance, drama, music promotion and communication and elementary music education. All courses of study are completed with the academic degrees “Bachelor of Arts” (BA) and “Master of Arts” (MA).



Further information: [www.bruckneruni.at](http://www.bruckneruni.at)

## Evening Event at Ars Electronica Center

**Time:** 7:30pm

**Place:** Ars-Electronica-Straße 1, 4040 Linz



**Arriving by public transport:** A convenient way to get here is via public transportation on the Linz Linien.

Tram lines (1,2, 3 or 4) – Stop Rudolfstrasse. From this stop it's just a short walk to the Ars Electronica Center.

### The new Ars Electronica Center: Compass – Navigating the Future

Opened in 1996 as a museum of the future, the two-storey building was extended in 2009 to its current size – including new, large exhibition areas in the basement. In 2019, the Ars Electronica Center will be redesigned on a large scale.



*“In order to look into the future, a telescope is enough, to move in it, a compass is needed.”*

From a telescope that opens up a glimpse into the future, the Ars Electronica Center becomes a compass and companion in the present. “Compass – Navigating the Future” is now the motto, claim and invitation of the comprehensively redesigned building.

The topics in the new Ars Electronica Center range from artificial intelligence and neuro-bionics, autonomous systems and robotics, to genetic engineering and biotechnology, to the far-reaching global changes of our time. The focus is on the rapid and difficult to understand developments of the global networks we have created and their connection to technological progress, which shapes our everyday lives on both an individual and a global level.

More information about the Ars Electronica Center and the Deep Space exhibit:

<https://ars.electronica.art/news/en/>

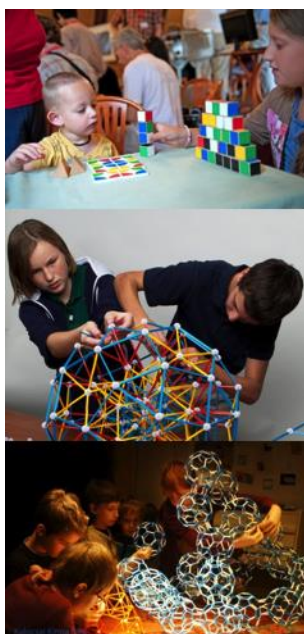
<https://ars.electronica.art/center/en/exhibitions/deepspace/>

## Family Day

**Time:** 2:00pm – 6:00pm

**Place:** University of Art and Design

Hauptplatz 6 and 8, 4020 Linz (Tram stop: Hauptplatz)



Can mathematics be playful, can it be fun? Can mathematics be intriguing, attractive, amazing and magical, even for those who did not think it was the most inspiring class at school? At the Bridges Conference Family Day, we throw open our doors and invite people of all ages to browse a rich collection of artistic and scientific workshops and fun programs. Family Day offers an on-site immersion into the fun world of mathematics and arts. Conference participants, including artists, scholars and educators will offer activities, games, workshops, interactive demonstrations, and presentations, giving visitors an opportunity to get inspired by STEAM (Science, Technology, Engineering, Arts and Mathematics). **Bridges Family Day is a free public event, open to visitors of all ages!** Family Day is coordinated by Kristóf Fenyvesi (Bridges Organization), researcher of STEAM Education at University of Jyväskylä's Finnish Institute for Educational Research, Finland.

The Family Day is integrated in the street art festival Pflasterspektakel (<https://pflasterspektakel.at/en/>).

<b>2:00pm – 5:30pm</b>		<b>Workshops 15, 16 and Public Lecture</b>	<b>H8.EG.04</b>
<b>2:00 - 3:30</b>	<i>Christine von Renesse, Julianna Campbell</i> Mathematics and Maypole Dancing <i>maximum 30 participants</i>		
<b>4:00 - 5:30</b>	<i>Lena Nasiakou, Saara Lehto, Svetlana Goranova, Kerry Osborne and Kristóf Fenyvesi.</i> Maths in Motion: Exploring Rotational Symmetries and Triangles through Dance and Body Movement		
<b>5:30 - 6:00</b>	<i>Dina Hassidov</i> The Relationships Between Mathematics and Sculpture in Wood, Stone, Bronze (Wax) and Clay		
<b>2:00pm – 5:30pm</b>		<b>Public Workshops</b>	<b>H8.EG.06</b>
<b>2:00 - 3:30</b>	<i>Theo Anagnostopoulos, Giorgos Vagiakis, Vasilena Vasileva, Svetlana Goranova, Luisa Lenta, Patrizia Sguazzi, Dida-Cristina Isaia, Mariana Mihai, Despoina Rafailidou, Lena Nasiakou, Kerry Osborne, Nora Somlyody, Kristof Fenyvesi</i> Maths In Motion: Dance, Movement and Maths Learning		
<b>4:00 - 5:00</b>	<i>Andrea Capozucca, Marco Fermani</i> Make Music Visible, Play Mathematics		
<b>2:00pm – 6:00pm</b>		<b>Public Workshops</b>	<b>H8.EG.01</b>
<b>2:00 - 4:00</b>	<i>Briony Thomas, Jamie Mardsen</i> Symmetry, Pattern and Pull-up Polyhedra		

2:00 - 4:00	<i>Karl Schaffer</i> Polyhedra on a Shoe String: String and Finger Geometry	
2:00 - 6:00	<i>Matias Kaukolinna, Nora Somlyody, Kristóf Fenyvesi</i> Experience Workshop STEAM Playground: LUX, Itsphun, CaraWonga	
2:00 - 6:00	<i>Ho Gul Park</i> Geodesic Domes Everywhere! (4Dframe)	
2:00 - 6:00	<i>Andreas Trappmair, Johanna Zöchbauer, Carolin Kern</i> Mathematics: The growing black box of science	
2:00 - 6:00	<i>Daniel Lakos, Eszter Losonczi</i> Logifaces: Analogue Game for Digital Minds	
2:00 - 6:00	<i>Chrissy Pyrounaki</i> Platonic solids / paper folding	
2:00 - 6:00	<i>Marijana Paunović</i> Perspective anamorphosis	
2:00 - 6:00	<i>“Radojic Perovic” school, Podgorica Montenegro: Branko Andjic, Mirjana Boskovic, Milica Djokovic, Nina Vidakovic, Ksenija Buric, Luka Filipovic</i> Robot pianist	
2:00 - 6:00	<i>Kate Jones, Dick Jones</i> Gamepuzzles for the joy of thinking	
2:00 - 6:00	<i>Roger Burrows</i> Labyrinths Workshop	
2:00 - 6:00	<i>Zsuzsanna Dárdai, János Saxon Szász</i> Poly-Universe in School Education	
2:00 - 6:00	<i>Lajos Poczók</i> Original construction set for colleges and secondary schools: An innovation	
2:00 - 5:00	<i>Jelena Joksimovic, Danijela Vucicevic</i> Magic Square vs Poetry Game	
2:00 - 6:00	<i>Elaine F. Ellison</i> Finding Irrational Numbers in Quilt Patterns	
<b>2:00pm – 7:00pm</b>	<b>Public Workshop</b>	<b>SPLACE Gallery</b>
2:00 - 7:00	<i>Catherina Steyn</i> African Art Shapes	

## Short Film Festival 2019

**Time:** 2:00pm – 3:15pm, 4:45pm – 6:15pm

**Place:** Ars Electronica Center  
Ars Electronica Straße 1, 4040 Linz  
Level -1, Lecture Room (Tram stop: Rudolfstraße)



The festival presents an annual reel of juried short films exploring mathematical themes. It will include films, videos and animations that have been created for educational, corporate and artistic purposes, or just for fun. Styles will include mathematical visualizations, conceptual animations, mathematical stories and fairy-tales, art based on mathematical rules, and exciting explanations and entertainment.

The jury for this year's Bridges Short Film Festival was made up of Sabetta Matsumoto, Henry Segerman, Susan Gerofsky and Bianca Violet.

The Short Film Festival reel will be screened twice as part of Family Day, beginning at 2:00pm and at 4:45pm. The 4:45pm screening will also include an introduction and Q&A with the creators of the films who are attending the conference.

A gallery of this year's short films can be found on the Bridges Gallery site:

<http://gallery.bridgesmathart.org/exhibitions/2019-bridges-conference-short-film-festival>

## **Poetry Reading – An Afternoon of Mathematical Poetry**

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**Time:** 2:00 – 4:00pm

**Place:** University of Art and Design

Hauptplatz 6, 4020 Linz

Repräsentationsraum, 5<sup>th</sup> floor (Tram stop: Hauptplatz)

Coordinated by Sarah Glaz, professor of mathematics at the University of Connecticut and poet, the poetry readings at Bridges feature poetry with strong links to mathematics and a wide range of poetic styles. The program starts with a number of invited poets reading selections from their work, followed by an open microphone period where Bridges participants are invited to read their own mathematical poems. Selected poems from the readings appear in the **Bridges Poetry Anthologies**. Poets are encouraged to share more of their art and scholarship by submitting articles for talks or workshops, visual poems to the gallery, or poetry with animated or musical elements for the short movie festival.

Further information:

<http://tiny.cc/vtqe9y>

## **Demoscene**

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**Time:** 3:30pm – 4:30pm

**Place:** Ars Electronica Center

Ars Electronica Straße 1, 4040 Linz

Level -1, Lecture Room (Tram stop: Rudolfstraße)

### **Demoscene - Digital Culture in Real-Time**

The demoscene represents one of the most colourful facets of digital culture. Musicians, graphic artists and coders (programmers) form groups and work on a demo, a computer program intended to show their personal skills and abilities. Thanks to competition between various groups, demos have been subject to a high degree of evolutionary pressure so-to-speak in terms of technology and style. This includes in particular the underlying algorithms and mathematics.

The incentive behind these efforts is to amaze others, to overcome apparently impossible technical challenges and to exhaust the limits of the hardware. While films as a rule can only play back their images or frames, demos generate these images for the exact moment - in real-time.

The screening is curated by Stefan Pautze (a.k.a. Felidae / Reflex) from Digitale Kultur e.V.

<http://digitalekultur.org>

**Stefan Pautze** is graduate engineer in the automotive branch and graphic artist. His artistic roots as well as his ties to the Demoscene date back to the nineties, when the mainly Dresden-based Commodore 64 demo group Reflex ruled the demo competitions. Recently he works mainly in the field in between mathematics and art with focus on aperiodic tilings.

<http://www.pautze.de>

The program was supported with captures from Frederik "Annikras" Heinrich.

<http://www.youtube.com/user/Annikras>

The program is not suitable for epileptics.

## Theater Event

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**Time:** 4:45pm – 6:15pm

**Place:** University of Art and Design

Hauptplatz 6, 4020 Linz

Repräsentationsraum, 5<sup>th</sup> floor (Tram stop: Hauptplatz)

"A Short History of Night" by John Mighton

"A Short History of Night" charts the strange origins of contemporary science through two of the Renaissance's most unusual figures – mercurial, ambitious Danish astronomer Tycho Brahe and meticulous, idealistic mathematician and Christian mystic Johannes Kepler. As religious wars and witch hunts rage outside the castle walls, an unlikely band of alchemists and astrologers vie to unlock the secrets of the cosmos.

Playwright (and mathematician) John Mighton won the 1992 Governor General's Award for this play loosely based on the life of Kepler that draws disturbing parallels between medieval and modern thought.

Directed by Steve Abbott. Music by Susan Gerofsky. Performed by the Bridges Community Players.



"Kepler and Tycho Brahe in the Observatory in Prague"  
by J. Ventura, ca 1880



## Excursion Day

The Bridges 2019 Excursion Day offers several different options in and around Linz, at different times of day. We invite you to choose one or more options from the list below.

### Boat trip round the harbor – Registration was required!

Admission: 15,50 € / person  
Time: 3 times a day:  
11:00am, 1:00pm, 3:00pm  
(duration of 100 minutes)  
Meeting point: Mooring Lentos Kunstmuseum

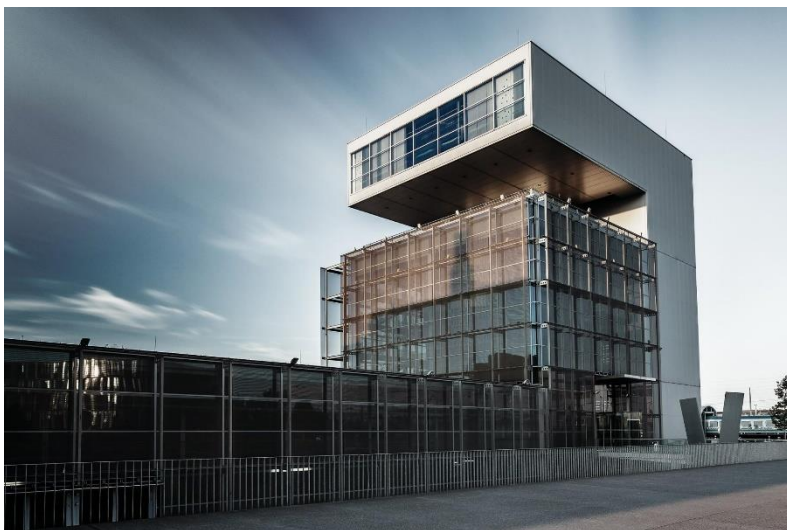
The harbour tour shows the interplay of culture, nature and industry in Linz. On a trip from the landing stage Lentos Kunstmuseum Linz down the Danube to the mouth of the Traun. On the way back you can observe the fascinating, oversized graffiti of the Mural Harbour.



### Voestalpine Stahlwelt & Werkstour – Registration was required!

Admission: 20 € / person (max. 50 people)  
Time: 9:30 am (2.5 hours)  
Location: Voestalpine-Straße 4, 4020 Linz  
Meeting point: 9:15 am at Voestalpine-Straße 4

<https://www.voestalpine.com/stahlwelt/Besucherservice/Anreise-oeffentliche-Verkehrsmittel>



Around the world, voestalpine produces, processes and develops steel to make high-quality products and innovative solutions. Come and visit voestalpine's world of discovery, where you can learn more about steel and the countless and innovative ways it can be used. Discover the fascinating world of steel. Discover the voestalpine Stahlwelt. The voestalpine steel plant is the cleanest and most innovative in the world. A claim many steel plants make

– but how many allow a glimpse of what is on the other side of the factory gate? voestalpine does and even goes one step further: After you visit the exhibition in the voestalpine Stahlwelt, you're in for an exciting plant tour.

The multimedia buses will take you deep inside the plant grounds, covering 5.2 square kilometers, directly to the production facilities, where you will get a behind-the-scenes look at various steps in the steel making process up to the finished product.

**Please note:** You have to wear sturdy, closed-toed shoes (no sandals, flip-flops, crocs, etc.). We also recommend you wear stain-resistant clothing.

For more information, please visit: <https://cutt.ly/eZZ87>

### **Guided Tour through Linz – Registration was required**

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Admission: 5 € - 10 € (depending on registration numbers)  
Time: 2:30 pm (1.5 hours)  
Meeting point: 2:15 pm at Hauptplatz, next to the tourist information  
Hauptplatz 1 (Altes Rathaus), 4020 Linz

Crooked alleyways, historical locations, impressive buildings and the individual districts of Linz – no one knows Linz better than the Austrian Guides. Enjoy a guided tour through Linz and experience the city's history firsthand, discover stories about famous people, and explore sights off the beaten track, which you wouldn't have found by yourself.

### **„Pflasterspektakel“ – International Street Performance Festival Linz**

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At Pflasterspektakel Linz around 100 companies and solo performers transform Linz' city centre into a unique venue of international street performance art. In addition to professionals from all over the world, young talents from the region also get their chance to perform in front of a big audience.



Pflasterspektakel – one of the biggest and most renowned festivals in Europe - presents a huge variety of street performance art at the highest level: juggling and comedy, clownery and pantomime, aerial and fire acrobatics, dance, puppet theatre and music of all kinds. Every year the festival features attractive program innovations and novelties.

Further information:

<https://pflasterspektakel.at/en/>

## **Sinnesrausch 2019 – Art and Motion**

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Admission: 10 € / person  
Opening hours: 10:00am – 8:30pm  
Location: OK Platz 1, 4020 Linz

“Sinnesrausch – Art and Motion“ is the topic of this year’s summer exhibition in the OÖ Kulturquartier with artistic highlights on the rooftop park over the centre of Linz.

Large-scale installations, designed for visitors to “perceive” actively and playfully, not only with their eyes but with their whole bodies, are at the heart of the Sinnesrausch exhibition.

The circuit with its walkways, bridges and stairs, the various art spaces, and the vast roof landscape high above Linz along with 30 international artistic contributions forms the atmospherically charged backdrop for this extraordinary art project.

Further information: <http://www.sinnesrausch.at/en/>

## **Museums**

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Naturally, Linz also offers a number of museums that you can explore on your own. We recommend the following options:

- Lentos: <https://www.lentos.at/html/en/index.aspx>
- Schlossmuseum Linz: <http://www.landesmuseum.at/en/location/schlossmuseum-linz.html>
- Ars Electronica Center: <https://ars.electronica.art/news/en/>
- Stifterhaus: <https://stifterhaus.at/index.php?id=3>
- Nordico Stadtmuseum: <https://www.nordico.at/html/de/index.aspx>

## **First-hand facts, information and tips - Tourist Information Linz**

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Would you like to know what sights, current day programs and event highlights Linz has to offer? Whether you're looking for tips for your cultural and nature program or your restaurant visit, the team at Tourist Information Linz is happy to help you!

### **Opening hours:**

Monday to Saturday: 09:00am – 07:00pm  
Sunday/Holiday: 10:00am – 07:00pm

Tourist Information Linz  
Altes Rathaus, Hauptplatz 1

Further information: <https://www.linztourismus.at/en/leisure/plan-a-trip/service/tourist-information/>

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-  [facebook.com/jku.edu](https://facebook.com/jku.edu)
-  [instagram.com/jkulinz](https://instagram.com/jkulinz)
-  [linkedin.com/school/jkulinz](https://linkedin.com/school/jkulinz)
-  snapchat: jku.linz
-  [twitter.com/jkulinz](https://twitter.com/jkulinz)
-  [youtube.com/jkulinz](https://youtube.com/jkulinz)

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