

BRIDGES 2019 Linz, Austria

A Mathematical Poetry Reading

Friday, July 19, 2:00 – 4:00 pm
Repräsentationsraum, Kunstuniversität Linz
Hauptplatz 6, Linz

The program and the poets

Coordinated by Sarah Glaz, professor of mathematics at the University of Connecticut and poet, the poetry reading at Bridges 2019 features poetry with strong links to mathematics, a great variety of topics, and a wide range of poetic styles. The reading is hosted by Emily Grosholz, professor of philosophy at Pennsylvania State University and poet. The first part of the program starts with a celebratory reading from Emily Grosholz two newly published books, followed by invited poets: Tatiana Bonch-Osmolovskaya, Susan Gerofsky, Lisa Lajeunesse, Marco Lucchesi, Iggy McGovern, Mike Naylor and Eveline Pye, reading selections from their work. The program concludes with a reading of poems by Sarah Glaz, Susana Sulic, and an open microphone period where Bridges participants read their own mathematical poems.



Sarah Glaz's first poetry collection, *Ode to Numbers* (Antrim House, 2017) is a finalist for both Next Generation Indie Book Awards and Book Excellence Awards. Sarah is Professor of Mathematics at the University of Connecticut specializing in the mathematical area of Commutative Ring Theory. Her poetry, poetry translations, and articles on the connections between mathematics and poetry appeared in a variety journals, edited volumes, and anthologies. She coedited the poetry anthology, *Strange Attractors: Poems of Love and Mathematics* (AK Peters/CRC Press, 2008), and was guest-editor of the *Journal of Mathematics and the Arts, Special Issue: Poetry and Mathematics*. Sarah serves as Associate Editor for the *Journal of Mathematics and the Arts*, and as coordinator of the poetry readings at the annual Bridges conferences and editor of the *Bridges Poetry Anthologies*. <http://www.math.uconn.edu/~glaz>

Emily Grosholz is Edwin Erle Sparks Professor at Pennsylvania State University, and has been an advisory editor for the Hudson Review for over thirty years. *The Stars of Earth: New and Selected Poems* was published in 2017 by Word Galaxy / Able Muse Press, with drawings by Farhad Ostovani. Her chapbook, *Childhood*, (Accents Publishing, 2014) with drawings by Lucy Vines Bonnefoy, has raised over \$3500 in the past four years for UNICEF. *Childhood* had been translated into Japanese, Italian and French. A German translation by Ulrike Blatter is underway. Her philosophy book *Starry Reckoning: Reference and Analysis in Mathematics and Cosmology* (Springer, 2016) won the 2017 Fernando Gil International Prize in Philosophy of Science, and her book on poetry and mathematics, *Great Circles: The Transits of Mathematics and Poetry*, appeared with Springer in 2018. <http://www.emilygrosholz.com/index.html>



Tatiana Bonch-Osmolovskaya was born in former Soviet Union and studied physics at Moscow Institute of Physics and Technology and philology at Moscow State Humanitarian University. Her Ph.D. degree is on Russian experimental poetry. Tatiana is author of thirteen books in Russian, including *Introduction to the Literature of Formal Restrictions* and *Labyrinths of Combinatorial Literature*, and co-editor of the anthology, *Freedom of Restriction*. Her poetry in English appeared in: *Can I tell you a secret?*, *Across the Russian Wor(l)d*, *Bridges*, *London Grip*, *POEM*, *Rochford Street Review*, and *Journal of Humanistic Mathematics*. She is a member of the Executive Board of the International Symmetry Association, editorial committee of *Another Hemisphere Journal* and a guest-editor of *Symmetry* literary sessions. She organized the *Mathematics and Arts* seminar, *GolosA (Voices) Festival of Combinatorial Poetry*, and *Festival Symmetry Literary Session*. <http://antipodes.org.au/en.aboutTatianaBonch.html>

Susan Gerofsky, Mathematics Education professor at the University of British Columbia, Canada, brings experience from many fields to mathematics education. Her research is in embodied, multisensory, multimodal mathematics education through the arts, including poetry, dance and movement, film, theatre, gesture and voice. She also works in garden-based environmental education, language and genres of mathematics education, and media theory. She holds degrees in languages and linguistics and mathematics education, and worked for years in film production, adult education, and as a high school teacher. Dr. Gerofsky has studied and taught in England, Brazil, Italy, Germany and Cuba. She speaks several languages, is an active musician, and a published poet and playwright. She contributed to the award-winning book, *Poetic Inquiry: Enchantment of Place* (Vernon Press, 2017) and has a verse play published in *The Mathematical Intelligencer*. <https://link.springer.com/article/10.1007/s00283-018-9818-2#citeas>





Lisa Lajeunesse is a professor of Mathematics at Capilano University in North Vancouver. She studied mathematics and music for her bachelor degree and her graduate research area was Model Theory, a branch of mathematical logic. Between her undergraduate degree and graduate studies, she worked for ten years with Telesat Canada, launching and controlling Canada's domestic communication satellites. She also taught piano and voice privately and wrote poetry. More recently, she has developed mathematics courses on the connections between mathematics and the arts to reach out to non-science students, and to express her lifelong passion for creative writing, music and the other arts. During a sabbatical in 2016/2017 she wrote a textbook for these courses, which prompted her to attend Bridges for the first time. A sample of Lisa's poetry may be found at: <https://lislajeunessepoetry.wordpress.com/>

Marco Lucchesi, Professor of Comparative Literature at the Federal University of Rio de Janeiro, is a Brazilian poet, novelist, essayist and translator. Marco was elected to the Brazilian Academy of Letters (ABL) in 2011 and became its president in 2018. He is a regular contributor to the newspaper, *O Globo*, and is the former editor-in-chief of the ABL journal, *Revista Brasileira*, and the National Library of Brazil poetry magazine, *Poesia Sempre*. His publications include twelve award winning books and numerous works of translation, among others *Poemas Reunidos [Collected Poems]*, *Hinos Matematicos [Mathematical Hymns]*, *Irminsul* [his collected Italian poems], and translations of Rumi, Khlebnikov, Rilke, Pasternak and Vico. His work has been widely anthologized and translated into more than ten languages. His literary honors include the Prize Alceu Amoroso Lima, a lifetime achievement award in poetry. https://pt.m.wikipedia.org/wiki/Marco_Lucchesi



Iggy McGovern is Fellow Emeritus in Physics at Trinity College, Dublin. He is also a poet, blending formal structure, humor and science. Iggy has published with Dedalus Press three poetry collections: *The King of Suburbia* (2005), *Safe House* (2010) and *The Eyes of Isaac Newton* (2017), and an anthology *20/12: Twenty Irish Poets Respond to Science in Twelve Lines* (2012). *A Mystic Dream of 4* (Quaternia Press, 2013) is his verse biography of the nineteenth century Irish mathematician and poet, William Rowan Hamilton. Among his awards are: The Glen Dimplex New Writers Award for Poetry, The Hennessy Award for Poetry, and The Ireland Chair of Poetry Bursary. He has read his poems at international festivals in Europe, North America and Australasia. One of his recent lecture's title is: *Science and Poetry – not so different?* <http://iggymcgovern.com>

Mike Naylor is a co-director of Matematikkfølgen and of the Math Creativity and Competency Center in Norway. He gives courses for teachers, students and the public, designs math rooms for schools and develops mathematical games and learning products. Mike presents mathematical ideas in creative ways, including poetry, literature, art, music, video, software, drama, and other performances, and is author of over 100 publications spanning a range of mathematical genres. Mike is known for his *Naked Geometry* art series and book, and his quarterly column on Mathematics and Creativity in *Tangenten* magazine. In 2015 he was named a "Math and Science Hero" by the minister of education in Norway. For the past nine years Mike presented artwork and poetry at the Bridges conferences. More information on Mike's projects can be found at his website. <http://mike-naylor.com>



Eveline Pye worked as an Operational Research Analyst for Nchanga Consolidated Copper Mines, in Zambia, for almost ten years, and was a Statistics Lecturer at Glasgow Caledonian University, in Scotland, for over twenty years. Her mathematical and statistical poetry has been published in a wide range of literary magazines, newspapers and anthologies. In September 2011, *Significance Magazine*, the joint publication of the Royal Statistical Society and the American Statistical Association featured her work in education and published a selection of her poems as part of their *Life in Statistics* series. She was poetry editor for *New Voices Press* and worked for the Federation of Writers (Scotland). A collection of her poems about Zambia, *Smoke that Thunders*, was published by Mariscat Press in 2015. Examples of Eveline's mathematical poems may be found online at: <http://onlinelibrary.wiley.com/enhanced/doi/10.1111/j.1740-9713.2011.00510.x>

Open Mic and Shorter Readings

This part of the program features poems by Sarah Glaz, Susana Sulic, and more (to be announced at the reading).

Bridges participants are invited to read their mathematical poems in this second part of the reading. If you are interested, please contact Sarah Glaz by email (Sarah.Glaz@uconn.edu), or Emily Grosholz by email (erg2@psu.edu) or in person at the meeting.