MEDIA ADVISORY
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National Academy of Sciences Announces
Three June Events Exploring the Theme of Performing Science

WASHINGTON – Cultural Programs of the National Academy of Sciences (CPNAS) announces three events in June that will explore the intersection of science and performance: A D.C. Art Science Evening Rendezvous on June 18; Iteratia, a dance performance on June 29; and a staged reading of Tom Stoppard’s Arcadia in collaboration with the Shakespeare Theatre Company on June 29.

D.C. Art Science Evening Rendezvous

The D.C. Art Science Evening Rendezvous (DASER) is a monthly discussion forum on art science projects in the national capital region. In June, DASER explores the theme of science and performance. The panel features the following presentations: Using Math and Science to Influence Dance Creation and Performance by Gregory Mack, AAAS Science & Technology Policy Fellow at the National Science Foundation, Ballston, Virginia; “Plotting the Apple of Knowledge”: Tom Stoppard’s Arcadia as Iterated Theatrical Algorithm by Lucy Melbourne, Fulbright Scholar and professor of English, Saint Augustine’s University, Raleigh, N.C.; “All the World’s a Stage”: Exploring Bioethical Challenges With Theatre by Karen Rothenberg, Marjorie Cook Professor of Law, Francis King Carey School of Law, University of Maryland, Baltimore; and The Performance of Science in Art by Nicola Triscott, director, The Arts Catalyst, London.

The event is on Thursday, June 18, from 6 p.m. to 8 p.m. EDT (doors open at 5:30 p.m.) at the Keck Center, 500 Fifth St., N.W., Washington, D.C. Reservations and photo IDs are required. To make a reservation, visit https://june2015daser.eventbrite.com. For those unable to attend, DASER will be viewable via webcast beginning at 5:30 p.m. EDT. To access the webcast, visit http://www.cpnas.org/events/webcast-information-instructions.html

Iteratia

Iteratia, a dance inspired by the mathematical ideas in Tom Stoppard's Arcadia, will be performed at the NAS prior to the staged reading of the play. One of the mathematical ideas in Arcadia is iteration: using a method or formula to get an estimated answer, and using that answer as the new starting point to apply the method or formula again to arrive at a new answer. The cycle repeats as necessary in order to get as close as possible to the actual solution to the problem. Along with inspiration from other aspects of Arcadia, Gregory Mack is using the idea of iteration in the choreographic process for this dance work in collaboration with fellow dancer/choreographers Sarah Hixon and Amanda Whiteman. Their performance takes place on June 29 from 6:30 p.m. to 7 p.m. in the West Court of the National Academy of Sciences, 2101 Constitution Ave., N.W. Photo IDs are required. No charge. Registration is included with Arcadia tickets.

Gregory Mack is an astrophysicist and a dancer in the modern dance company Hixon Dance. Sarah Hixon is the artistic director of Hixon Dance and a dance educator at BalletMet Columbus and New Albany Ballet in Columbus, Ohio. Amanda Whiteman is the founder of GroundShare Arts Alliance (formerly GroundWorks Dance Ensemble) and a Master Teaching Artist at Wolf Trap where she integrates the performing arts with literacy, math, and science.
CPNAS and the Shakespeare Theatre Company (STC) announce a staged theatrical reading of Tom Stoppard’s 1993 play *Arcadia*. Intertwining themes of history, mathematics, and physics set against a time-spanning drama make this play a modern classic and one that is emblematic of the work of CPNAS and STC.


The reading is on Monday, June 29, 7:30 p.m. to 10 p.m. at the National Academy of Sciences auditorium, 2101 Constitution Ave., N.W., Washington, D.C. Reservations and photo IDs are required. No charge. To make a reservation, visit [http://www.shakespearetheatre.org/](http://www.shakespearetheatre.org/).

**Cultural Programs of the National Academy of Sciences** sponsors exhibitions, film screenings, theatrical readings, salons called D.C. Art Science Evening Rendezvous (DASER), and other events that explore relationships among the arts and sciences. For more information, visit [www.cpnas.org](http://www.cpnas.org).

The mission of the **Shakespeare Theatre Company** is to present classic theatre of scope and size in an imaginative, skillful, and accessible American style that honors the playwrights’ language and intentions while viewing their work through a 21st-century lens. The Theatre endeavors to be an important resource to an expanded national and international community — as the nation’s premier destination for classic theatre, as a training ground for the next generation of theatre artists, and as a model provider of high-quality educational content for students and scholars. For more information, visit [http://www.shakespearetheatre.org/](http://www.shakespearetheatre.org/).

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