



Events

[Current Events](#)[Lectures](#)[Events Archive](#)

Jonathan P. Dowling Memorial Conference on Quantum Science and Technology

A Celebration of the life and work of World-Renowned Professor Jonathan P. Dowling (1955-2020)

**Dates: May 12-13, 2022**Location: Digital Media Center Theatre, Louisiana State University ([Map](#)).

The LSU Center for Computation & Technology, LSU Department of Physics & Astronomy and LSU College of Science are organizing this Conference to honor and remember our colleague Jonathan Dowling, who passed away on June 5th, 2020. Professor Dowling was one of the foremost experts in quantum technology, particularly for exploiting [quantum entanglement](#) (in the form of a [NOON state](#)) for applications to [quantum computing](#), [quantum metrology](#), [quantum sensing](#), and [quantum imaging](#). He additionally contributed to fields such as [photonic band-gap structures](#), [quantum optics](#), [foundations of quantum mechanics](#), [boson sampling](#), and [quantum networks](#). Let us gather together to honor the many ways he has contributed to science, our research, and our lives.

Invited Speakers

[Scott Aaronson](#) (The University of Texas at Austin)
[Katherine L. Brown](#) (CMS Cameron McKenna Nabarro Olswang LLP)
[Hugo Cable](#) (PsiQuantum)
[Charles Clark](#) (Joint Quantum Institute)
[Lior Cohen](#) (University of Colorado Boulder)
[Michael Dowling](#) (University of Regensburg)
[James Franson](#) (University of Maryland, Baltimore County)
[Ryan Glasser](#) (Tulane University)
[Deborah Jackson](#) (National Science Foundation)
[Pieter Kok](#) (University of Sheffield)
[Paul Kwiat](#) (University of Illinois Urbana-Champaign)
[Chao-Yang Lu](#) (University of Science and Technology of China)
[Elisha Siddiqui Matekole](#) (Brookhaven National Laboratory)
[Irina Novikova](#) (College of William and Mary)
[Jonathan Olson](#) (Zapata Computing)
[Marian Scully](#) (Texas A&M University)
[Andrew White](#) (University of Queensland)

Schedule

[Full Schedule](#), [Poster Abstracts](#), [Speaker Abstracts](#),
[Conference photographs](#)

Conference video link:

https://youtube.com/playlist?list=PLzB9aSNzIOE84YG5HZcjcQIZ8_B9oQbeQ

Hotels & Parking

Special rates have been reserved for attendees at [The Cook Hotel](#) (see below), located on the LSU bus route.

The Cook Hotel, 3848 W. Lakeshore Drive, Baton Rouge, LA 70808

Phone: (866) 610-2665; request dates of stay and blocked rate for the LSU Center for Computation & Technology

Rate: Standard room \$110/night or Suite \$130/night (includes hot breakfast each morning from 6:00 AM until 9:30 AM in the Shaquille O'Neal Lodge).

Reserve Online: visit <https://reservations.travelclick.com/110626?groupID=3413640>

Valid until: April 11, 2022.

Parking is available in the lot (#X116) nearest the Digital Media Center (#341) located off East Parker Drive. [Map-pdf file](#) (L23). If you will be driving and do not have a LSU parking tag, please let us know when you register by selecting the "parking tag needed" box.

LSU Bus Route: Tiger Trails bus system transports visitors free of charge. See [Tiger Trails](#) for more information. Note, if staying at The Cook Hotel use purple/gold route; if staying at The Staybridge, use tigerlandA or tigerlandB, BBH.

Conference organizers

Margarite LaBorde (Louisiana State University)
 R. Nicholas Lanning (Air Force Research Laboratory)
 Hwang Lee (Louisiana State University)

Aliza Siddiqui (Louisiana State University)
Mark M. Wilde (Louisiana State University)

Sponsors

LSU Center for Computation & Technology
Hearne Institute for Theoretical Physics
LSU College of Science

[Did you know](#)
[Campus Map](#)

[Visit Baton Rouge](#)



Center for
Computation & Technology

[Home](#) | [About](#) | [Research](#) | [Programs](#) | [News](#) | [Events](#) | [Resources](#) | [Contact Us](#) | [Log In](#) | [LSU](#) | [Feedback](#) | [Accessibility](#)



Center for Computation & Technology

2003 Digital Media Center • Telephone: +1 225/578-5890 • Fax: +1 225/578-8957

© 2001–2025 Center for Computation & Technology • Official Web Page of Louisiana State University.