



Indiana University Bloomington Quantum Day - April 15th 2023

Overview

The World Quantum Day is an initiative from quantum scientists from 65+ countries. The World Quantum Day is decentralized and bottom-up initiative, inviting all quantum scientists, engineers, educators, sociologists communicators, Entrepreneurs, technologists, historians, philosophers, artists, and their organizations, to organize their own activities, such as outreach talks, exhibitions, lab tours, panel discussions, debates, interviews, etc., to celebrate the World Quantum Day around the World.



Distinguished Speakers

Prof. Stefano Gogioso

Oxford University and Quantinuum
co-author of Quantum in Pictures
(book cover shown on the left)



John Donohue

Scientific Outreach
IQC Waterloo



Distinguished Speakers

From IBM

James Weaver, Quantum
Developer Advocate at
IBM and



Brian Ingmanson,
Education Engagement
Lead, IBM Quantum



Tanwi Mallick

Computer Science
Specialist, Argonne



Location

IU Jacobs School of Music's MAC066



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Indiana University Bloomington

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Quantum Day Agenda

Date: 04/15/2023 1:00 -5:00 pm

- 1:00 - 1:05 pm Introductory Remarks by Dr. Dave Baxter
- 1:05 - 1:25 pm John Donohue, IQC Waterloo
[Hands-On Quantum Activities for Everyone](#)
- 1:25 - 1:40 pm Walker Smith, Indiana University Bloomington
The Sound of Molecules: Listening to the Quantum World
- 1:40 - 1:55 pm Debadrita Saha and Walker Smith, Indiana University Bloomington
Molecular Dynamics \Rightarrow Quantum Computer \Rightarrow Music
- 1:55 - 2:25 pm Dr. Stefano Gogioso, Oxford University and Quantinuum
Quantum in Pictures
- 2:25 - 3:25 pm Brian Ingmanson and James Weaver, IBM
- 3:25 - 3:40 pm Remarks from University of Texas, Austin
Entanglement Swapping and Quantum Networks
- 3:40 - 3:55 pm Thomas W Burkle, Indiana University Bloomington
- 3:55 - 4:15 pm Tanwi Mallick, Argonne National Labs
- 4:15 - 4:30 pm Shawn Gibford, Indiana University Bloomington
[Playing with Qiskit Blocks](#)
- 4:30 - 4:40 pm Dr. John Gibson, Director of Computer Music Centre
- 4:45 - 4:55 pm Mark Jackson, Quantinuum

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