

# Weizmann Lecture 2023



Österreichische Gesellschaft  
der Freunde des  
Weizmann Institute of Science

Die Österreichische Gesellschaft der Freunde des Weizmann Institute of Science  
freut sich, Sie zur Weizmann Lecture 2023 zum Thema

## Fast and Furious: The Quantum Computer Race

**Prof. Roe Ozeri**

Department of Physics of Complex Systems  
Vice President for Development & Communications  
Weizmann Institute of Science, Rehovot Israel

**am Dienstag, 20. Juni 2023 um 18:00 Uhr**  
in der Industriellenvereinigung, Schwarzenbergplatz 4, 1031 Wien

herzlich einzuladen.

### Programm

- 18:00 Empfang
- 18:30 Begrüßung durch **Dr. Nikolaus Pitkowitz**, Vorsitzender der Österreichischen Gesellschaft der Freunde des Weizmann Institute of Science
- Vortrag von **Prof. Roe Ozeri** "**Fast and Furious: The Quantum Computer Race**", Department of Physics of Complex Systems, Vice President for Development & Communications, Weizmann Institute of Science, Rehovot Israel
- Fragen & Antworten
- 19:30 Networking

Bitte senden Sie bis **Donnerstag, 15. Juni 2023** eine E-Mail an  
[weizmann@weizmann.at](mailto:weizmann@weizmann.at), um sich für die Veranstaltung anzumelden.

Sollten Sie noch Fragen haben, stehen wir Ihnen gerne unter obiger E-Mail-Adresse zur Verfügung.

Wir möchten darauf hinweisen, dass der Vortrag in englischer Sprache gehalten wird.



European Committee of the  
Weizmann Institute of Science

SCIENCE FOR THE BENEFIT OF HUMANITY

### Prof. Roe Ozeri

Department of Physics of Complex Systems  
Vice President for Development and Communications



Prof. Roe Ozeri was born in Israel and earned a BSc in physics from the Hebrew University of Jerusalem. He received his MSc and PhD degrees in physics from the Weizmann Institute of Science. He joined the Weizmann faculty in 2007 after conducting postdoctoral research at the National Institute of Standards and Technology in Boulder, Colorado in the group of 2012 Nobel Laureate Prof. David Wineland. He was appointed Vice President for Development and Communications in December, 2019.

Prof. Ozeri's research focuses on ultra-cold atoms, a form of matter that has great potential for the advancement of quantum computing—platforms based on the principles of quantum mechanics that are expected to vastly out-perform conventional computers, and to have a vastly increased ability to store information. In a recent breakthrough, Prof. Ozeri and his team succeeded in building a quantum computer—one of about 30 such machines in the world, and one of less than 10 to rely on an advanced technology known as ion traps. An even larger quantum computer is currently being developed in the Ozeri lab.

Among his numerous awards and honors, Prof. Ozeri received the Rosa and Emilio Segre Research Award (2019), the Morris L. Levinson Prize in Physics (2012), and the prestigious Rothschild Foundation Postdoctoral Fellowship (2003). His articles have been published in prestigious scientific and physics journals such as Nature, Science, and Physical Review Letters.

He is married to Carmit and has three children, Omer, Tamar, and Netta. His hobbies include sea-kayaking, running, cooking, reading, and writing short stories.