



Don Bosco Institute of Technology

Colosseum 2021

Report on Talk by Dr. Shohini Ghose on “ Quantum Revolution ”

Objective:

- To bring the experience of the offline “talk” event of Colosseum on an online platform.
- To connect to speakers from all over the world.
- To get an exposure on ongoing research in Quantum technologies.
- To learn about the speaker's experience.
- To learn about the fundamental physics required for quantum computing.
- To encourage audience participation in the discussion through live chat.

Outcome:

- Audience will be able to learn a topic different from the curriculum.
- Audience will learn about the current technological trends
- Audience will gain insights on Quantum physics and computing.
- Audiences will be able to apply the knowledge in their respective field.

Date : 1st April 2021

Time: 7:00 pm to 8:00 pm

Number of Registrations: 138

Youtube Link: <https://youtu.be/gOTlrCyHAz8>

Description:

Quantum Revolution

Talk by: Dr.Shohini Ghose

About the speaker: Dr. Shohini Ghose is a professor of Physics & Computer Science at NSERC National Sciences and Engineering Research Council of Canada) Chair for Women in Science & Engineering (CWSE), Wilfrid Laurier University and Founding Director, Laurier Centre for Women in Science. In 2019, she was featured among 25 women from around the world in UNESCO exhibit, Paris, France and recognised as "Remarkable Women in Technology". In 2014 Mahatma Gandhi Global Achievers award: One of 30 award recipients of Indian origin invited to the House of Lords, UK to receive an award from UK Minister Baroness Sandip Verma and NRI Welfare Society.

Challenges faced

- Searching for experts in Quantum Computing.
- Working on schedules for high profile speakers.
- Managing between the different time zones.
- Mild network connectivity issues.
- Coordinating between the zoom platform and youtube.

Key factors for the success of the event

- The topic of the talk was intriguing as it was based on a new technological trend which fascinates all.
- The speaker of the event was passionate about giving the talk.
- Efforts by the speaker to present the concepts.
- Explained in a simple yet creative way providing references to real life situations.
- The content was targeted to the audience from different backgrounds and was open for all.
- The live chat interaction of the audience to the speaker.
- The event was publicized in a creative way on social platforms which increased participation.

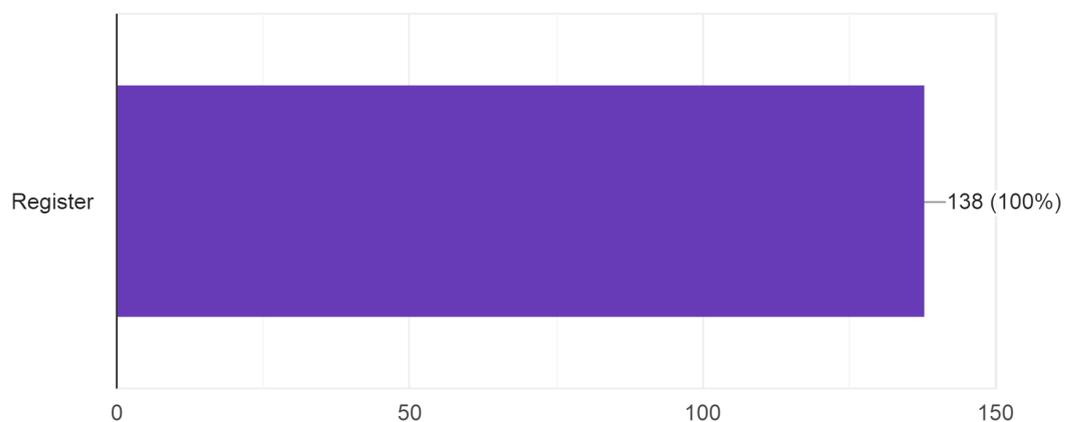
Individual learning in organising the event

- Improved communication skills
- Opportunity to connect with the expert
- Inspiring personality of the speakers
- Patience in the process of contacting the speaker.
- Taught humility and inspired to achieve more despite of the challenges
- Learned time management to handle multiple tasks
- Teamwork and coordination, being able to solve issues faster and get back on track.

Registrations:

Quantum Revolution

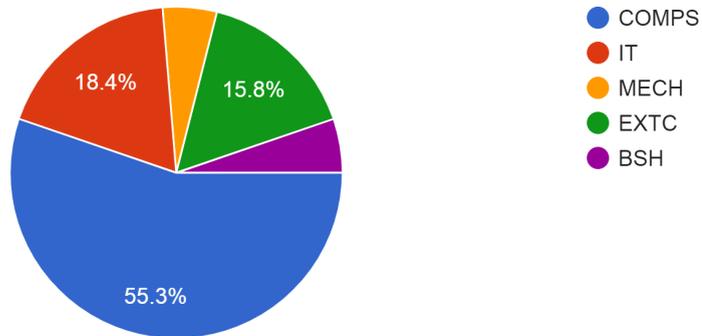
138 responses



Feedback:

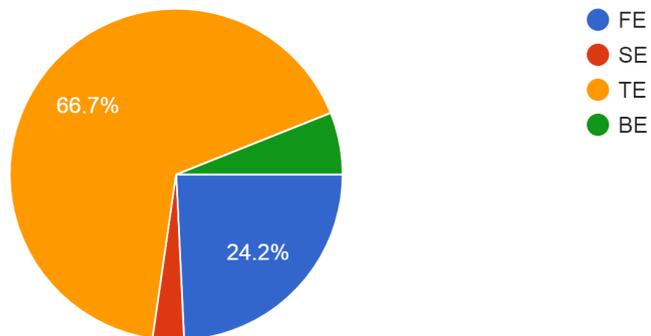
Branch

38 responses



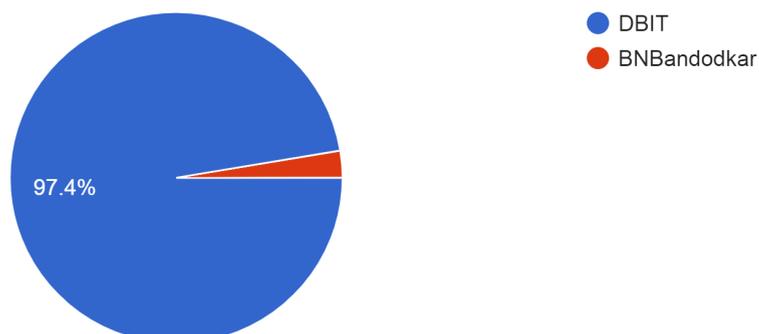
Year

33 responses



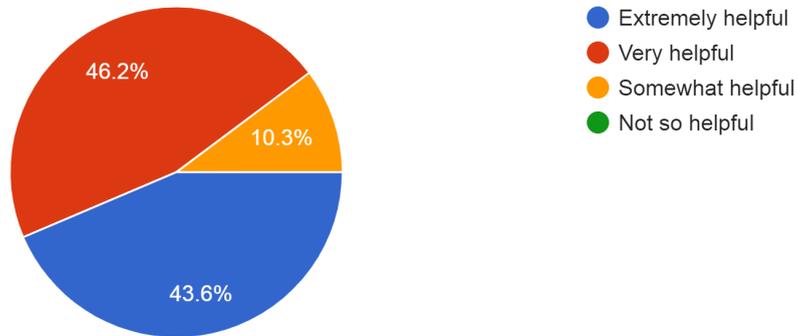
Enter your college name

38 responses



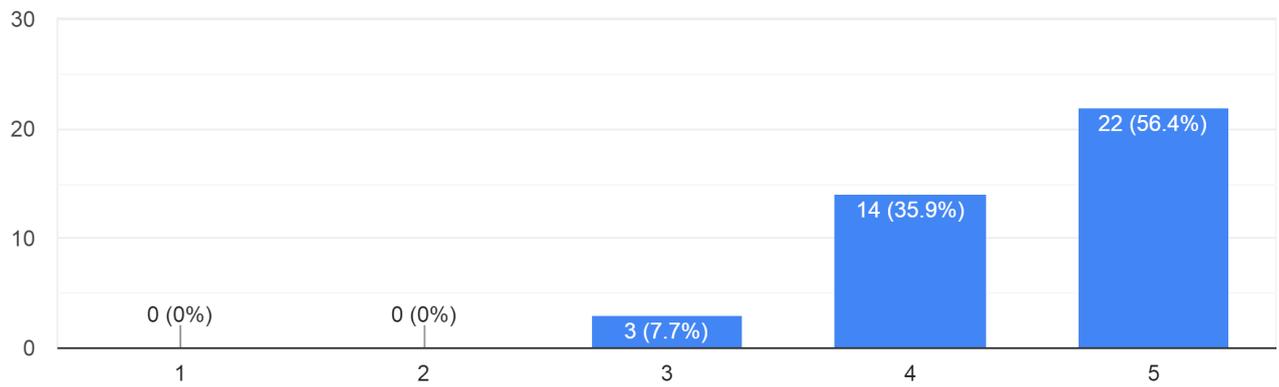
How helpful did you find this talk?

39 responses



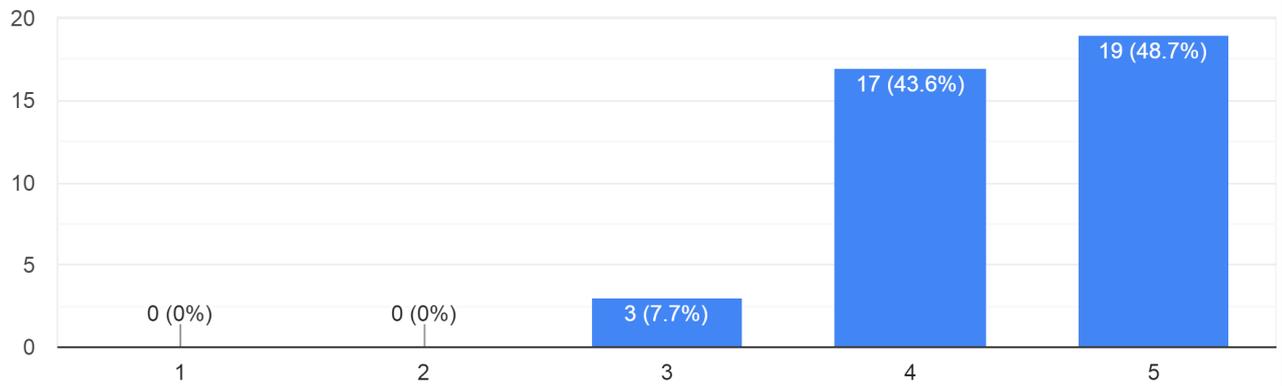
How was the quality of content of the talk?

39 responses



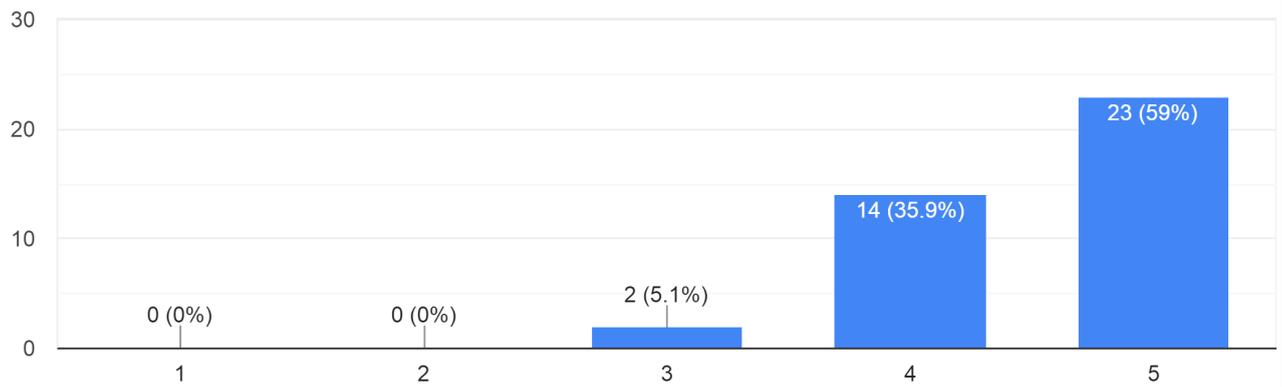
How likely would you recommend this talk to your friends and other relatives?

39 responses



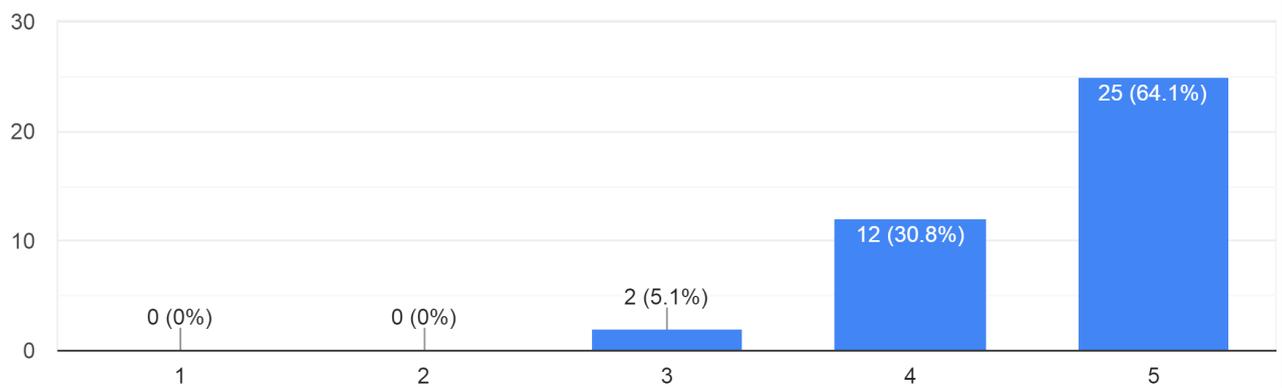
How was the quality of speaker ?

39 responses



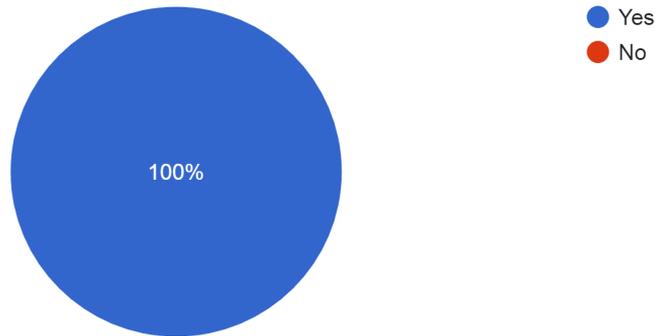
Rate the content delivered

39 responses



Was the content delivered up to your expectations?

40 responses



What was the part you enjoyed or found very intriguing?

10 responses

Conceptual talk

Knowledge about quantum computer to be made in reality

Quantum Entanglement

The speakers journey of discovering quantum physics and it's nuances

Overall it was good

All the workshops I loved it

Quantum computing

Quantum entanglement

The talk as a whole was very interesting and informative

Event Highlights:

Colosseum presents

QUANTUM REVOLUTION

Talk by Dr. Shohini Ghose



Date: 01st April 2021
Time: 07 pm

Talks

COLOSSEUM

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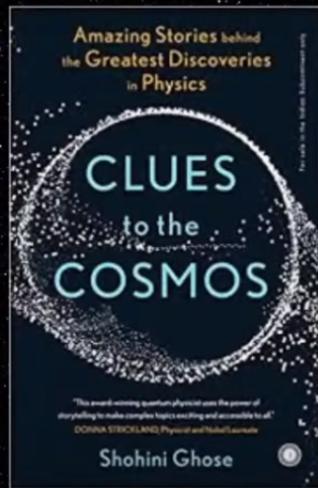
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The poster features a vibrant pink background with a complex, wavy pattern of fine dots. In the top right corner, the 'COLOSSEUM' logo is displayed in white. The text 'Colosseum presents' is centered above the main title 'QUANTUM REVOLUTION', which is rendered in a large, white, pixelated font. Below the title, the speaker's name 'Talk by Dr. Shohini Ghose' is written in a smaller white font. A circular inset in the center shows a photograph of Dr. Shohini Ghose, a woman with long dark hair, wearing a black top and a lanyard, gesturing with her hands. To the right of this circle is a small white arrow icon. At the bottom, the date and time 'Date: 01st April 2021' and 'Time: 07 pm' are listed in white. The word 'Talks' is positioned in the bottom left corner, and two small white dots are centered at the very bottom.

QUANTUM REVOLUTION

WITH

Dr. Shohini Ghose



Quantum uncertainty

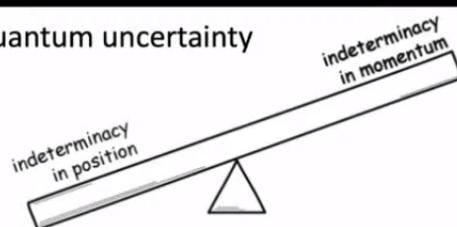


Image: J. Norton, pitt.edu



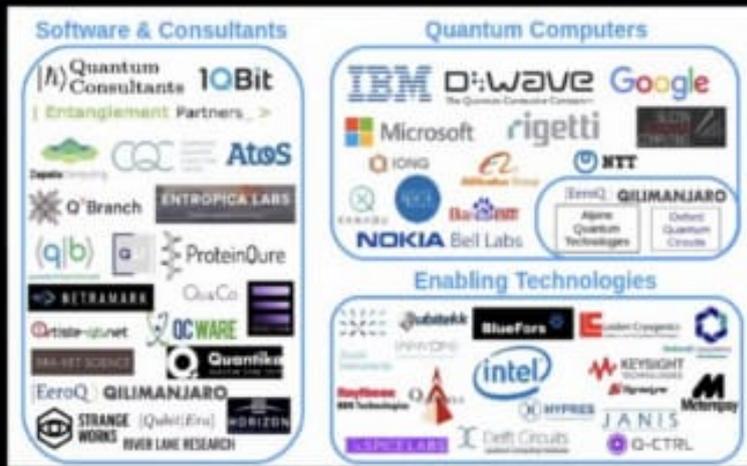
The Quantum Revolution

Shohini Ghose
Wilfrid Laurier University
Institute for Quantum Computing
Perimeter Institute for Theoretical Physics
Waterloo, Canada



Balancing certainty and uncertainty: Entanglement





Report Prepared By: Saloni Dhotre