



CHIME Radio Telescope (Photo courtesy CHIME)

# פרופסור ויקטוריה כספי

## המחלקה לפיזיקה

### מנהלת, מכון החלל ע"ש טרוטייר

### אוניברסיטת מקגיל, מונטריאול, קנדה

**Professor Victoria Kaspi**  
Physics Department  
Director, The Trottier Space Institute  
McGill University, Montreal, Canada

סמינר באסטרונומיה ובאסטרופיזיקה | Seminar in Astronomy and Astrophysics

## THE LATEST ON FAST RADIO BURSTS

The Seminar will be held on Wednesday  
3 December 2025, at 11:00  
**Holcblat Hall (7), Shenkar Physics Building**  
Tel Aviv University, Ramat Aviv

הסמינר יתקיים ביום רביעי  
3 בדצמבר 2025, בשעה 11:00  
אולם הולצבלאט (7), בניין שנקר לפיזיקה  
אוניברסיטת תל אביב, רמת אביב

כיבוד קל יוגש לפני הסמינר | Light refreshments will be served before the seminar





## Victoria Kaspi

Physics Department

Director, The Trottier Space Institute

McGill University, Montreal, Canada

### ●●● THE LATEST ON FAST RADIO BURSTS

**December 3, at 11:00**

Holcblat Hall (7), Shenkar Physics Building

Fast Radio Bursts continue to be a puzzling astrophysical mystery. Consisting of brief (typically few millisecond) bursts of radio waves coming from cosmological distances, their origins remain largely unknown. Some FRBs repeat; a key question is whether all do, or whether there are multiple classes of sources. I will review the FRB field, concentrating on recent results particularly from the CHIME radio telescope — the world's most powerful FRB detector, and its new set of Outrigger telescopes, now fully operational and enabling the new method of "synoptic" VLBI.

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**VICTORIA KASPI** is a Professor of Physics and Director of the Trottier Space Institute at McGill University, Montreal. A leading figure in astrophysics, she is renowned for her pioneering work on neutron stars, including landmark discoveries about pulsars, magnetars, and, more recently, Fast Radio Bursts through her leadership in the CHIME/FRB project.

A graduate of McGill and Princeton, Prof. Kaspi has held positions at Caltech, JPL, and MIT, and is a

Fellow of the American Astronomical Society and the American Physical Society. She is an elected member of the American Academy of Arts and Sciences, the U.S. National Academy of Sciences, the Royal Society (UK), and the Royal Society of Canada.

Her contributions have been recognized with many major international honors, including the Shaw Prize in Astronomy, the Albert Einstein World Award of Science, the Royal Society's Bakerian Medal, and the NSERC Gerhard Herzberg Gold Medal.

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