

CONFERENCES

THE CENTRE FOR ASTRO-PARTICLE PHYSICS

THE TENTH INTERNATIONAL FERMI SYMPOSIUM 2022

The Tenth International Fermi Symposium was held in person for participants from around the world at Misty Hills Country Hotel, Conference Centre, and Spa from the 9th-15th October 2022. Visit the Tenth International Fermi Symposium's Indico Page [here](#).

This meeting focused on the new scientific investigations and results enabled by Fermi, the mission and instrument characteristics, future opportunities, and coordinated observations and analyses.



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PROCEEDINGS

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PROF. DEBRA MEYER

Debra Meyer is a Professor of Biochemistry and Molecular Biology, and Executive Dean of the Faculty of Science at the University of Johannesburg.

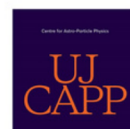
Prof. Debra Meyer was invited to present a talk 'Equity and diversity in science' at the Tenth International Fermi Symposium 2022. Her talk focused on the the social, educational, and legal background of this growing movement; reviewed strategies used by universities around the country to overcome problems of racism and sexism; and recommend ways that departments can take advantage of this issue to help them develop culturally appropriate teaching and research.



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EXCURSIONS

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RHINO AND LION PARK



HARTRAO



STERKFORTEIN CAVES



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CONTRIBUTIONS

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CONTRIBUTED TALKS

Dimakatso Maheso: Pulse fitting of short GRBs with known redshift detected by Fermi Gamma Ray Burst Monitor

POSTERS

Tamador Aldowma: Neural Networks for Estimation of Gamma-Ray Burst Redshifts

Mfuphi Ntshatsha: Constraining magnetic fields and gamma-ray production zones in blazar jets by fitting the broad-band spectral energy distribution

Monica Barnard: Modelling external inverse Compton emission of gamma-ray burst afterglows in the very-high-energy regime



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