

DARK MATTER AND THE MILKY WAY

Public Lecture by

PROF. JAMES BULLOCK

University of California, Irvine

Monday, April 23, 2018 at 5:00 pm

Venue - AG66, TIFR, Mumbai



Our home galaxy, the Milky Way, along with the tiny galaxies that surround it, provide unique and detailed data sets for constraining the nature of dark matter. In this talk, I will discuss how numerical simulations coupled with local "near-field" observations are informing our understanding of dark matter, the formation of the first galaxies, and the physical processes that act at the threshold of galaxy formation.



Prof Bullock is a numerical cosmologist who is well known for his efforts on recreating our Universe in a computer, especially galaxies and our own Milky Way. He helped create and hosted the National Geographic documentary 'Inside the Milky Way' fusing cutting-edge science with 3-D state-of-the-art CGI model of our galaxy. He is the scientific consultant and features prominently in the Discovery Channel TV series 'How the Universe Works'.

Prof Bullock is the Director, Centre for Galaxy Evolution and Chair, Department of Physics and Astronomy at the University of California, Irvine

Talk is open to all.

Non TIFR members are requested to carry valid photo ID card.

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