

## Invitation to a Public Lecture

# THE DARK SIDE OF GRAVITY

by **Professor Christian Boehmer**

Ever wondered what dark energy or dark matter is? In this talk we shall discuss Einstein's General Theory of Relativity and how it helps us understand our universe. There are many puzzling questions about the universe that remain unresolved to this day. Several giant leaps of understanding have emerged in the last decade. We shall consider how mankind has been enriched through these discoveries and one possible approach to answering some of the questions posed will be discussed.



Christian Boehmer is a Professor of Mathematics at the University College London (UCL), UK. Currently he is the Head of the Mathematics Department at UCL. He serves as associate Editor of the journal *Astrophysics and Space Science*. His recent book *Introduction to General Relativity and Cosmology* gives undergraduate students an overview of the fundamental ideas behind the geometric theory of gravitation and spacetime. According to Google Scholar he has achieved an H-index of 50 which indicates the impact of his work. Christian is the author of over 100 scientific papers that have garnered over 7000 citations to date.

Date: Thursday 2 May 2024  
Time: 18h00 - 19h00 then light supper  
Venue: Senate Chamber, Westville Campus, UKZN

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