



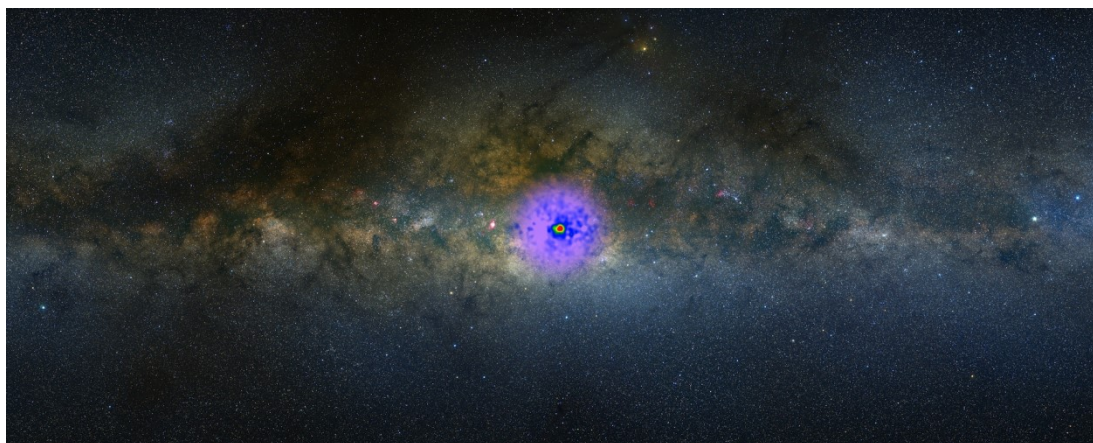
# VIDEO Colloquium: Thermal WIMPs on the Brink.

Special day!  
Special time!

Wednesday, 01 July, 2020

Webcast 14:00 h

**Timothy Linden (Stockholm University)**



[NASA]

Weakly interacting Dark Matter Particles (WIMPs) are among the most well-motivated models for particle dark matter. While these particles can be detected through direct, indirect, and collider experiments, only their indirect annihilation cross-section is guaranteed within the confines of a thermal model. Intriguingly, experimental searches using both gamma-rays and cosmic-rays are beginning to close in on the coveted “thermal annihilation cross-section”. More intriguingly, several excesses in Galactic center gamma-rays and cosmic-ray antiprotons have been discovered. Even more intriguingly, these excesses are potentially consistent with each other. In this talk, I will summarize the current state of the field, and argue that there is hope of resolving this puzzle within the next five years.

Please note: This is a VIDEO COLLOQUIUM!

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