

The Importance of Dark Matter Phenomenology



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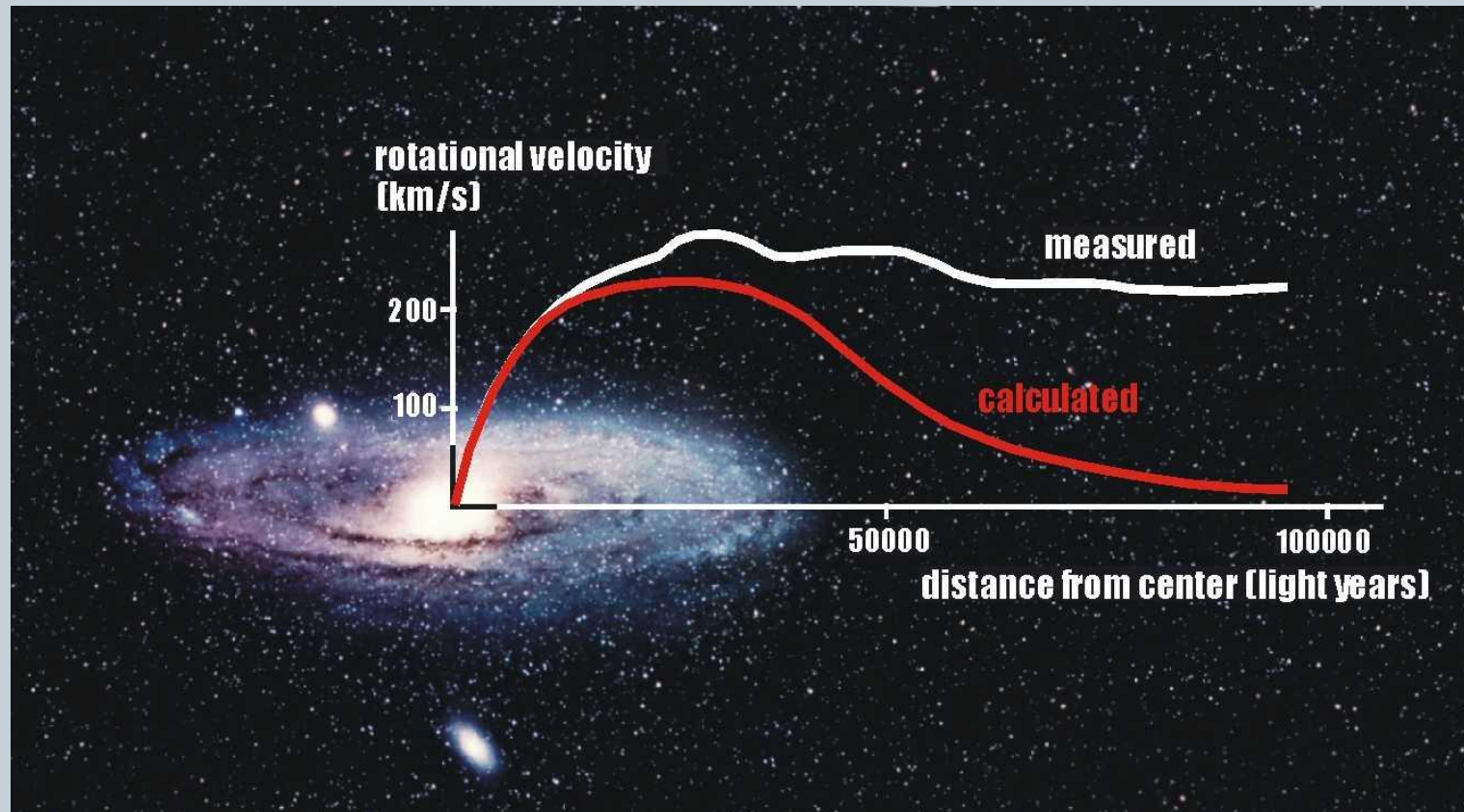
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Dark Matter exists in Galaxies ...



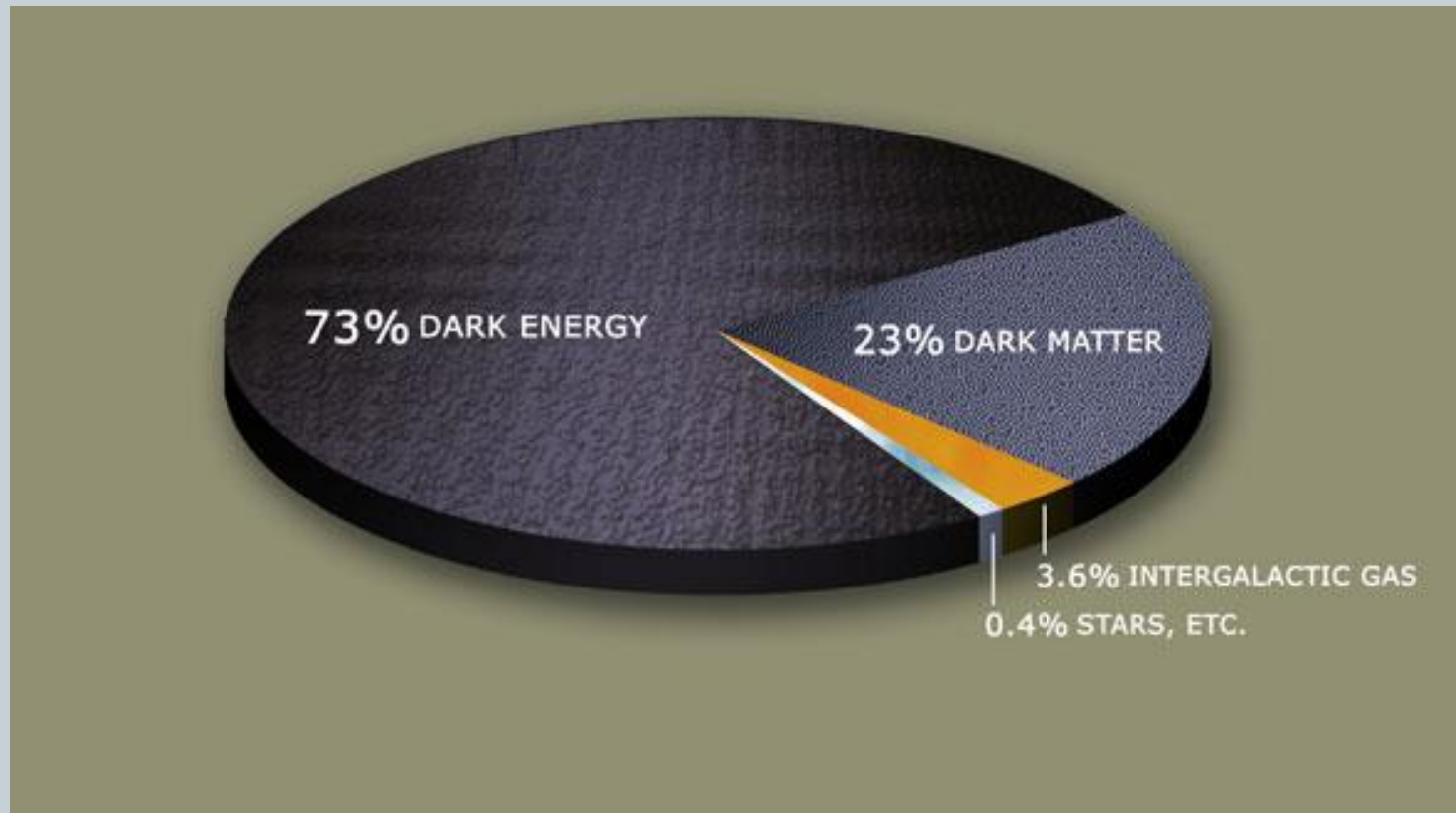
- Galaxies rotate faster than expected



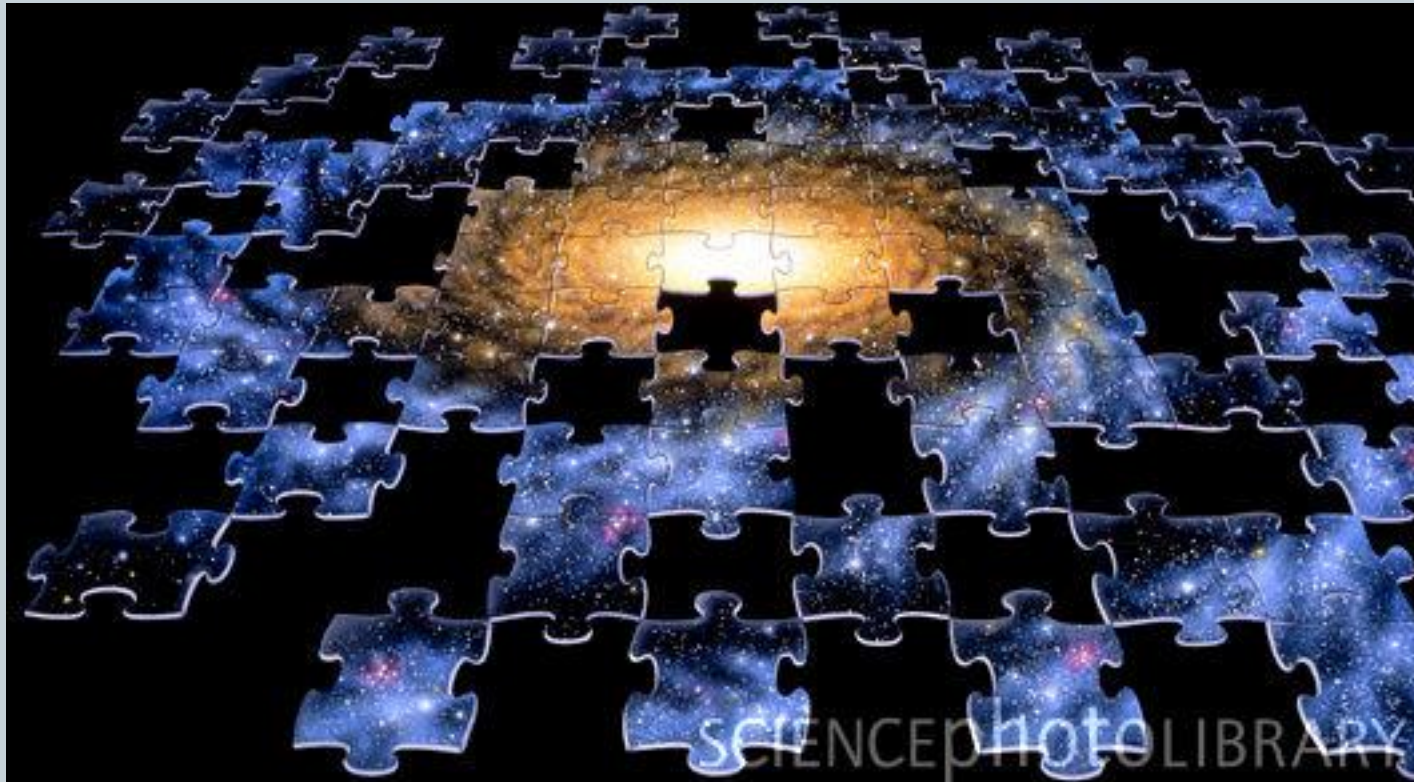
... and everywhere else in the Universe ...



- There is more dark matter than normal matter



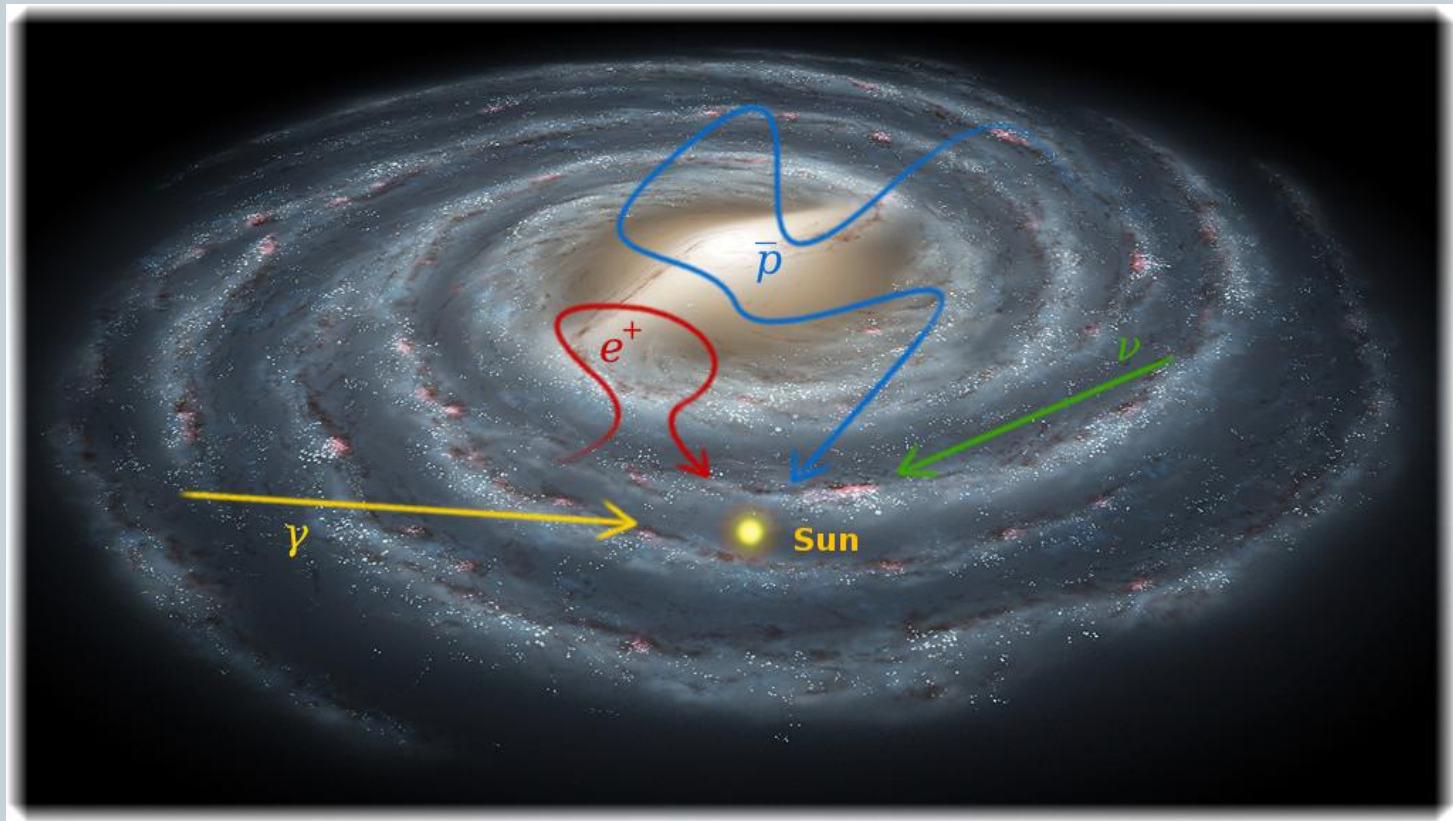
... but its Nature remains a Puzzle!



Dark Matter Signals from Space ...

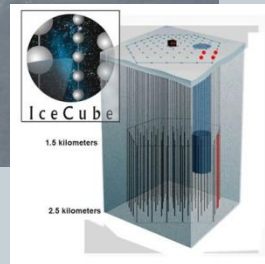
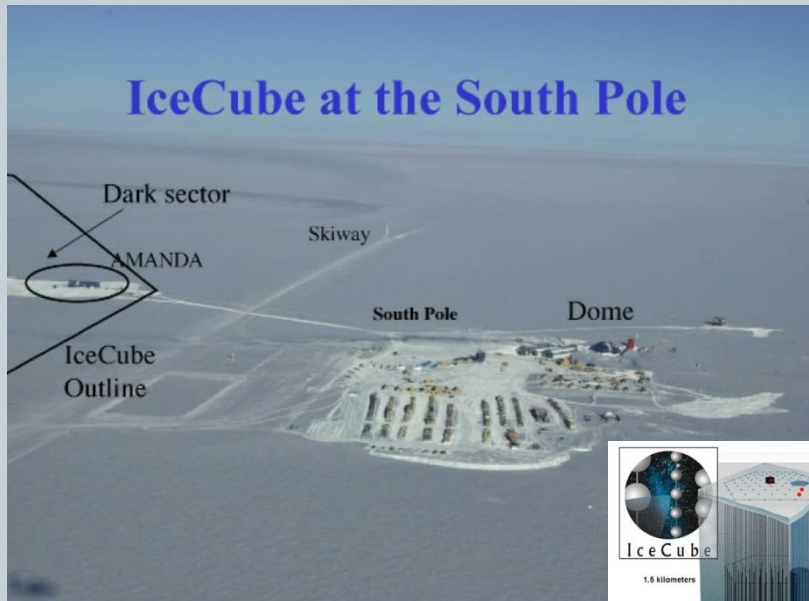


- Dark matter annihilation produces cosmic rays



... can be looked for in Experiments ...

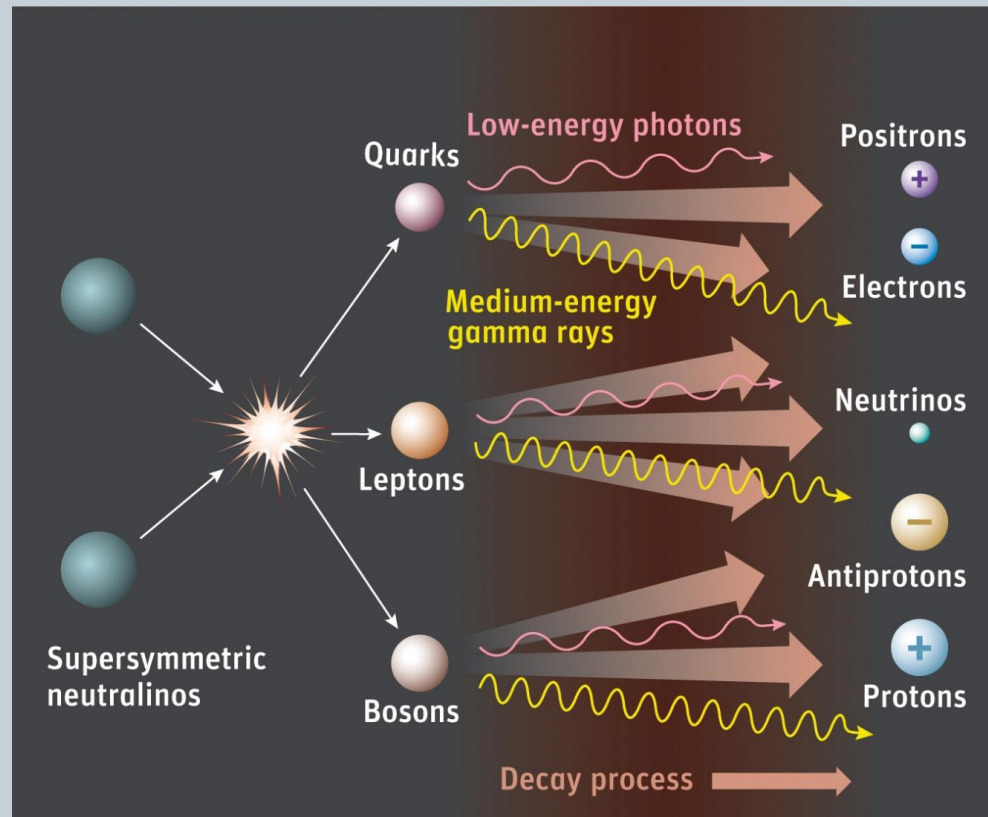
- Many different experiments
- Multitude of data



... but Theory is needed to interpret the Results!



- What can we learn from a signal about the theory?



Dark Matter Phenomenology is Important



Funding of theoretical studies is essential to complement experimental efforts!