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## Summary of the AMS results and their interpretation

*Tuesday, July 9, 2024 6:10 PM (20 minutes)*

In this talk, I will summarize the results presented during the Parallel session focused on the AMS-02 experiment on the International Space Station, together with their interpretation. In particular, I will discuss the latest flux measurements. The precision of AMS-02 results revealed unexpected phenomena that challenged conventional theoretical models. I will also give a brief overview of the phenomenological works presented during the session, which describe cosmic-ray origin and propagation within the Galaxy.

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**Session Classification:** AMS-02 experiment at the International Space Station

**Track Classification:** Cosmic Rays and Very High Energy Emission (CR): AMS-02 experiment at the International Space Station