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The Arecibo Observatory Archives: A 305m wide data management effort

Content

The Arecibo Observatory is a clear example of resilience. After 57 years of endurance, economics, mother nature and finally gravity, the main instrument platform collapsed. Right after the collapse, working teams were formed to rescue the priceless data, over 3PB in 3 main sciences: Radio Astronomy, Planetary Radar and Atmospheric Sciences. Now that the data archive is being replicated in a safe computing center, the teams are looking into how to catalog, visualize and provide the most effective tools to the community to access our data. This talk is about opening our data to the community, learning from previous experiences, and establishing robust relationships with community members.

Preferred talk time

Radio IG

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Track Classification: Applications; Data Access Layer; Data Model; Data Curation and Preservation; Knowledge Discovery in Databases; Radio Astronomy

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