



What's the Best Planet for a Rock Concert?

Professor Richard Lueptow
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JUNIOR SCIENCE CAFÉ

Saturday, April 18, 11 AM—12:30 PM at Boocoo Cafe— 1823 Church St., Evanston
Open to grades 6—12 students and their parents Free admission, light lunch

Love hard rock? Then get yourself on the next available mission to Saturn's largest moon Titan. That's the conclusion our scientist has come to after listening to the guitar riff from Deep Purple's "Smoke on the Water". It's all to do with the way sound waves travel through alien atmospheres. A model has been developed that predicts the acoustic properties of gas mixtures, which depend on the composition of the gas as well as its pressure, density and temperature.

Simulating sound on other planets can be a rockin' good time!



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