

PRESS RELEASE

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## **Leaks Now Detected on Space Station**

*MetroCon conference will feature sensors that find minute leaks at International Earth orbiter*

DALLAS (July. 8, 2016) – Until now, minute leaks in the International Space Station could go undetected until they became so acute as to require major attention before endangering the crew. This year the IEEE MetroCon conference will feature Dr. Ali Abedi, professor of electrical and computer engineering at the University of Maine, making his presentation on *Wireless Sensing of Lunar Habitat and Leak Detection for the International Space Station*.

“Hits to the space station and different parts of it are happening all the time,” says Abedi, “there’s always the possibility of having high impact because of space debris and that might actually penetrate the exterior shell” requiring a space walk to patch it.

Abedi points out that many numbers of “marks and dents” on the space station can be seen on surveillance cameras. “With this system we can identify areas that are not critical (yet),” says Abedi, “but can be fixed now to prevent future catastrophes.”

Abedi gave a preview of what to expect at MeteoCon when as a guest today on the ScienceNews Radio Network program, *Promise of Tomorrow with Colonel*

*Mason*. The broadcast can then be heard archived and webcast for its world audience at PromiseOfTomorrow (dot) biz.

For 29 straight years the Institute of Electrical and Electronics Engineers [IEEE] has produced a one-day *Comprehensive Engineering Event* held at the Arlington Convention Center in Arlington, Texas. Sponsored by Lockheed Martin and Onco Electric Delivery Company, upwards of 500 attendees will study pressing topics that include cyber security, machine intelligence, power and energy systems, biotechnologies, software and systems engineering, with software demos by IBM, plus other emerging technologies.

More information about MetroCon, conference registration, sponsoring/exhibiting at: [www \(dot\) metrocon \(dot\) org/](http://www.metrocon.org/).

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