

53rd IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –
The Next Steps (A4)
SETI 2: SETI and Society (2)

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MOON FARSIDE REGULATED BY A UNITED NATIONS TREATY

Abstract

A new Moon Race is currently undergoing between the leading space-faring countries: United States, China, India, Japan, Europe, Russia and more.

But there is no International Law accepted by all stakeholders to regulate this Moon Race: both private entrepreneurs and national space agencies are free to do what they please without restrictions of any kind.

The result may well be an irreversible POLLUTION of the Moon both on the Nearside, on the South Pole (where water is) and on the Farside (still free from human-made radio noise on several frequency bands).

As for the Farside, international organizations like the International Astronomical Union (IAU), the International Telecommunications Union (ITU), and more are trying to prevent the Farside radio pollution, but it's a hard and uncertain POLITICAL and SCIENTIFIC battle.

The recent StSc Session at the United Nations COPUOS in Vienna (January 29 through February 9, 2024) abundantly proved this chaos.

Along these lines of Moon Farside Protection, the International Academy of Astronautics (IAA) organized the first IAA Symposium on Moon Farside Protection in Turin on March 21-22, 2024: please check the site www.moonfarsideprotection.org.

But that is not enough.

We need a TREATY, under the auspices of the United Nations, forcing all space-faring countries TO AVOID SPECTRUM POLLUTION on the Farside.

And that is URGENT in order to avoid the SKY POLLUTION around the Moon just as the SKY POLLUTION around the Earth is already making Optical Astronomy increasingly difficult "thanks" to thousands of Starlink-type satellites already in orbit around the Earth.

This author's Presentation at the Milan IAC will update the SETI audience about these problems as of October 14-18, 2024.