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# Bringing Human Rights to the Stars

The pioneer project in space law



## Jus Ad Astra Newsletter: April 2021

### WELCOME

Welcome to the April newsletter for Jus Ad Astra! In this newsletter, we will provide updates on the project, a snapshot of international news, and ways for members to contribute to the work of the project.

Make sure to subscribe to stay connected to the project and its work!

### UPDATES

1. Research Director for Health Law at Jus Ad Astra, Rowena Christiansen, was interviewed by Cosmos Magazines regarding the future

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Rowena Christiansen provided insight into the health considerations in outer space ventures, such as space tourism.

Check it out in the link below:

[Rowena Christiansen Article](#)

**2. Jonathan Lim, Project Co-Lead and Founder, and Deepika Jeyakodi, Research Director for Environment Law, have become full individual members of the International Institute of Space Law.**

Congratulations to both for this achievement.

**3. Deepika Jeyakodi was interviewed in the Space Court Foundation's Women of Colour in Space Series.**

In the interview, Deepika discussed her journey in space law and her experiences as a space lawyer.

Check out the interview below:

[Deepika's Space Court Foundation Interview](#)

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## INTERNATIONAL NEWS AND OPPORTUNITIES

### 1. The Eighth European Conference on Space Debris

The European Space Agency's conference on Space Debris discussed the legal and technical challenges regarding the increased launching of mega-constellations, resulting in increasing space debris.

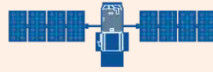
Check out an article explaining the potential benefits of space law in regulating

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## Space Debris Article - The Conversation

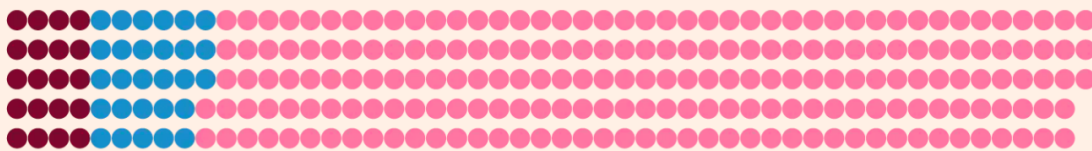
### Satellites vs space debris

**2,700** working satellites  
share their orbits with ...

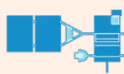


Each circle represents  
100 satellites

... Approximately **26,000** monitored items of space debris with a total weight of 8,800 tonnes. Travelling at many km per second, they can collide with and destroy operating satellites



**1,950**  
discarded  
rocket stages



**2,850** defunct  
satellites

**21,000** unidentified debris  
objects and fragments



In addition, smaller objects that cannot be monitored are estimated to total:

**128 million**  
Fragments  
1mm-1cm in size

**900,000**  
Fragments  
1cm-10cm in size

**34,000**  
Fragments larger  
than 10cm

[Image Source](#)

## 2. China's Launch of the Tianhe

China launched the first component of the Tianhe, a core module of the newest Space Station, this week.

Learn more about it here:

[Tianhe Launch](#)