

# THE i4is MEMBERS' PAGE

Parnika Singh

The i4is membership scheme exists for anyone who wants to help us achieve an interstellar future. Your membership will help fund our technical research and educational outreach projects. In return, members receive many exclusive benefits, including our program of talks, a monthly newsletter, preprints, and access to the members-only area of the website which contains exciting new material added on a regular basis. If you are passionate about an interstellar future for humanity, joining our membership scheme will allow you to get more involved and help us take the vital early steps towards finally reaching the stars. To find out more, visit [www.i4is.org/membership](http://www.i4is.org/membership).

This issue of the Member's Page is edited by Parnika Singh who has been editing our member's email newsletter for several months. You will notice one small difference - American spelling! [1]

## LSI Course Videos

The full set of our LSI (Limitless Space Institute) course videos is now available for all i4is members. This course provides a fundamental appreciation and basic knowledge of principal subjects, from setting the background and context to advanced propulsion, systems, concepts, and designs. A truly inspirational course, it contains 19 sessions-

1. *Introduction and Background*
2. *Aspects of Science*
3. *Case Study: ISRU as an Enabler*
4. *Case Study: The Next 400 Years: Humanity's Power Basis for Starfaring*
5. *Propulsion Introduction 101, The Absolute Basics*
6. *Electric Propulsion for Fast Missions to Mars, the Outer Solar System and Beyond*
7. *Space Propulsion concepts Based on Nuclear force or matter-energy conversion*
8. *Spacecraft Systems*
9. *Speculative Propulsion*
10. *Case Studies: Power, Thermal Control and radiation/Particle Shielding*
11. *Case Study: Meeting the Human Requirements*
12. *Special Guest Panel*
13. *Deep Space Design Methods and Principles*
14. *Nuclear Rockets and Other Large Concepts*
15. *Interstellar Starship in Science Fiction*
16. *Chipsats and Other Small Concepts*
17. *Discussion Meeting*
18. *Space Habitats, Settlements and Worldships*
19. *Visions of our Interstellar Future*

Find the link here: [i4is.org/videos/lsi-course-2022/](http://i4is.org/videos/lsi-course-2022/). Don't forget to login with your member id and password.

[1] Parnika Singh is based in Bellevue, Seattle. She is the author of *An analysis of interstellar exploration focused on propulsion technologies* [jhss.scholasticahq.com/article/66203-an-analysis-of-interstellar-exploration-focused-on-propulsion-technologies](http://jhss.scholasticahq.com/article/66203-an-analysis-of-interstellar-exploration-focused-on-propulsion-technologies)

## Members' Newsletter

The i4is Member's Newsletter is an exclusive newsletter keeping you up to date with compelling interstellar advances, research, and news.

Since the last Principium issue, two member newsletters have been delivered, including coverage of a variety of different developments pertaining to interstellar travel. This includes an announcement on the upcoming Interstellar Research Group's 8th Interstellar Symposium, which will take place from 10-13 July at McGill University in Montreal, Canada; summaries of exciting papers on the development of fission propulsion and anti-matter drives; a review of a paper on Project Lyra and how it may be improved, and much more. If you are interested, be sure to become an i4is member!

## 2021 Annual Report to Members

Our Annual Report to members for the year 2021 was published in our members' area in April 2023. This is the third Annual Report to Members of the Initiative and Institute for Interstellar Studies. It covers highlights from 2021, corporate and media activities, the work of the technical and education committee, and many organizational details with contacts for all our main activities.

## Getting More Actively Involved

i4is is always looking for volunteers to help support humanity's venture onto the interstellar stage. If taking a more active role in our work is of interest to you, we'd love to hear from you! There are many different ways you can help us take our programs forwards, whether your skills are technical, educational, administrative, or financial. The more volunteers we have, the more we can achieve! If you think you could volunteer some time, please get in touch at [info@i4is.org](mailto:info@i4is.org), and one of us will get back to you as soon as possible.