



# LASER WEEKLY NEWSLETTER



**Thank you to everyone who came to the LASER poker night!!**



NASA and private companies are moving beyond low Earth orbit (LEO) to build critical space infrastructure that will support long-term missions on the Moon and Mars. Projects like LunaNet, a communication and navigation system for the Moon, and Marslink, a proposed satellite network for Mars, will provide essential services for astronauts, research, and future commercial activities. However, space policy is struggling to keep up. Unlike Earth-based infrastructure, these new systems lack clear protections against cybersecurity threats, geopolitical conflicts, and operational failures. As more nations and private companies expand into space, the need for strong security measures and international regulations is urgent. With Artemis 2 set to launch in 2026 and plans for a permanent lunar presence underway, space agencies and policymakers must act now to establish rules that ensure the safety and reliability of these critical systems. How will LunaNet and Marslink shape the future of space exploration, and what challenges—such as security risks and policy gaps—must future space professionals address?

Section written by: Elyazia Alghool

## Upcoming Events:

**LASER Showcase at Science Fair: Saturday 8th of March, Victoria Gallery and Museum**

**National Student Space Conference: Saturday 1st and Sunday 2nd of March**

**Skyrora Trip: Week 7 TBC**

**LASER Merch is now available to order on the website!**

Limited Edition Hoodies available in size XXXL

£40- £25 38% Discount

All hoodies include a free ruler

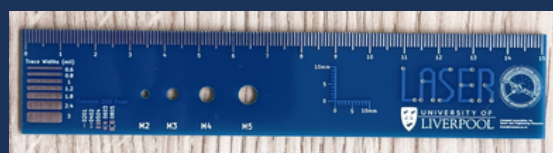
One ruler alone is £2



Back of hoodie

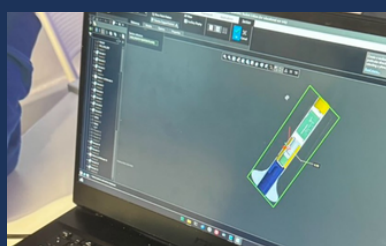


Front of hoodie



Ruler

The CubeSat sub-team has put together a solid list of components and is diving into research for coding their microprocessor, with team members sharpening their C++ skills along the way. Meanwhile, the Unity Rise rocketry team is in the final stretch of submitting their Critical Design Review (CDR). With a completed and packaged navigation script, the Rover's computing team are moving ahead with design for the front and back end of the website. Prototyping has begun using 3D printers with team member Tashu working on the CAD model. Planning has begun for the remainder of the work on Trello.



Section written by: Peter B. Swift