



# Global Challenge Lab **2026**

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# Global Challenge Lab 2026

## WHAT IS THE GLOBAL CHALLENGE LAB 2026?

A two-week global innovation sprint  
13–28 July 2026

## WHO IT IS FOR

- Imperial undergraduate, postgraduate & PhD students
- Postgraduate offer holders
- Open across all faculties, including Business School
- Partner Universities

## WHAT'S NEW IN 2026

- Imperial-only initiative
- Fully aligned with Schools of Convergence Science
- Co-designed with Imperial Global Hubs

## KEY INFORMATION

**WHERE?** 100% Virtual Program via Zoom and Slack

**WHO?** Students of Imperial College & University Partners Across The World. Form a team of 3-6 Students and work together to innovate

**TIME COMMITMENT?** 2 Hours per Day

**WHY?** A £3,000 Prize Pool, Network, Receive an Official Certificate, Work on a Startup Concept & Learn New Entrepreneurial Skills

# Climate & Sustainability

How might we build a more climate-resilient and sustainable future for all?

This track challenges participants to design innovative solutions that address **climate change, renewable energy, and environmental resilience**. From sustainable agriculture and circular economies to green infrastructure and climate finance, teams will explore how technology and design can drive a just transition for communities most at risk.

The background image shows a person in a white lab coat, likely a healthcare professional, working on a piece of equipment. Another person's hands are visible in the foreground, interacting with the device. The scene is dimly lit, with a blue tint, suggesting a clinical or laboratory setting.

# HEALTH & TECHNOLOGY

How might we harness technology to transform healthcare access and outcomes globally?

Focusing on **digital health, AI in diagnostics, and personalized medicine**, this track invites innovators to reimagine the future of healthcare. Participants will tackle challenges in prevention, early detection, and equitable care delivery, applying Imperial's strengths in health science and data innovation to global health needs.

A photograph of a space station or satellite in orbit above the Earth. The station's complex structure, including solar panels and various instruments, is visible against the dark background of space. The Earth's surface, showing clouds and landmasses, is visible in the lower half of the frame. The overall tone is dark and futuristic.

# SPACE, SECURITY & CONNECTIVITY

How might we create a safer, more connected world through innovation in communication, data, and space technologies?

This track explores the **frontiers of connectivity, from satellite-based systems and cybersecurity to smart communications networks and data integrity.** Participants will innovate at the intersection of space technology, digital trust, and global security to build the infrastructure of tomorrow's connected societies.

# SMART CITIES & URBAN FUTURES

How might we design intelligent, inclusive, and sustainable cities for the future?

In this track, participants will tackle the urgent challenges of rapid urbanisation. From mobility and waste management to urban health and data-driven planning, **teams will explore how AI, IoT, and human-centred design can transform how we live and move in cities.** The focus is on reimagining urban spaces that are adaptive, green, and equitable for the next generation.