TALKS

1. Transhumanism: replacing our biology with technology
   18.45–19.45
2. From sci-fi to real science
   20.00–20.45
7. The sci-fi story club
   18.40–19.00  The Red Card (Will Hornbrook)
   19.10–19.30  The Fate of the Ark (Sofia Hurst)
   19.40–20.00  Spectrum (Qiu Xia)
   20.10–20.30  The Atomism Archives (Freya Masters)
   20.40–21.00  The Devil Wears Rubber Gloves (Aaron Khemchandani)
8. Science: fact or fiction
   18.30–18.55  The future of sound (Siobhan Markus)
   19.15–19.40  Engineering the Matrix (Juan Alvaro Gallego)
   20.00–20.25  Alien worlds (Matthaus Schulik)

WORKSHOPS

9. Future spacewear
   11. Planetary paintshop

EXHIBITS

3. Microbial marketplace
4. Medical technology of the future
5. Brain implants – What do we think?
6. Rocket builders
10. The space between us
12. The future of AI
13. Future sounds
14. Greener space travel
15. Feel the force: the physics of light sabres
TALKS

1. Transhumanism: replacing our biology with technology
   Various
   18.45–19.45
   See how sci-fi predictions of human cyborgs stack up against the latest research into bionic limbs and computer augmented brains.

2. From sci-fi to real science
   Martin Archer, Department of Physics
   20.00–20.45
   Explore what Marvel, Star Wars, and Rick and Morty can tell us about real physics research.

3. The sci-fi story club
   I,Science
   Imperial’s science magazine hosts readings by budding science fiction writers.
   18.40–19.00 The Red Card
     (Will Hornbrook)
   19.10–19.30 The Fate of the Ark
     (Sofia Hurst)
   19.40–20.00 Spectrum
     (Qiu Xia)
   20.10–20.30 The Atomism Archives
     (Freya Masters)
   20.40–21.00 The Devil Wears Rubber Gloves
     (Aaron Khemchandani)

4. Science: fact or fiction
   Hear about the latest Imperial research that might inspire the next generation of sci-fi writers.
   18.30–18.55 The future of sound
     (Siobhan Markus)
   19.15–19.40 Engineering the Matrix
     (Juan Alvaro Gallego)
   20.00–20.25 Alien worlds
     (Matthaus Schulik)

WORKSHOPS

9. Future spacewear
   Hamlyn Centre FAIR-SPACE Hub
   Design a spacesuit to survive the extreme conditions in space with graphic designer Katie Kennedy and Imperial engineers and scientists.

11. Planetary paintshop
    Matthäus Schulik, Department of Physics
    Create your own alien world artwork with marbling artist Grace Holliday and scientists studying distant planets orbiting far off stars.

12. The future of AI
    Adaptive and Intelligent Robotics Lab
    Explore how AI is transforming our daily lives with student-built reusable space rocket.

EXHIBITS

3. Microbial marketplace
   National Heart and Lung Institute
   Visit the chemist of the future where diagnostic tissues and lung conditioner have been created using today’s research into the respiratory microbiome.

4. Medical technology of the future
   Imperial Horizons public engagement students
   How blurry is the line between reality and fiction in medical healthcare technology nowadays? Can you tell what’s real and what isn’t?

5. Brain implants – What do we think?
   Department of Bioengineering
   Leave your thoughts on the possibility of having technology inserted directly into your brain.

6. Rocket builders
   Imperial College London Rocketry
   Explore new and exciting approaches to reaching space with students who design, build and fly large-scale rockets.

10. The space between us
    Imperial, University College London and Royal Academy of Arts
    Step inside an immersive multidisciplinary art experience that explores the individual brain and collective consciousness.
    Live performances at 18.45 and 20.00

13. Future sounds
    SONICOM
    Tune into the audio future of immersive video gaming or virtual socialising with personalised sound technologies using ear scanning and AI.

14. Greener space travel
    Karman Space Programme
    Meet the Imperial team hoping to reach space with the first student-built reusable space rocket.

15. Feel the force: the physics of light sabres
    Space and Atmospheric Physics Group
    Explore the links between plasma physics and the famous Star Wars weapons. How might they work and why would they be dangerous?