

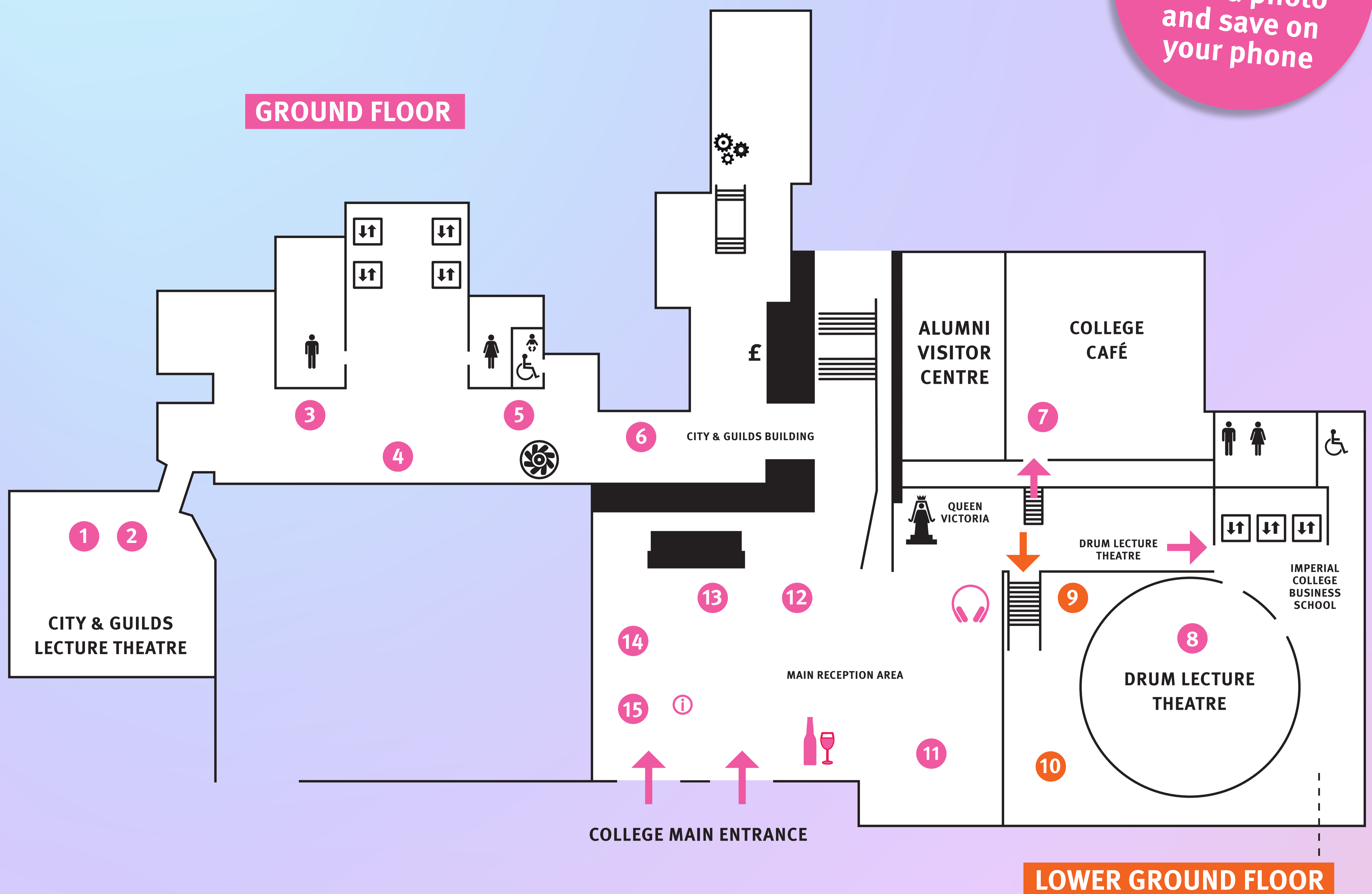
# IMPERIAL LATES

## FLOOR PLAN

@ImperialSpark  
#ImperialLates



Take a photo  
and save on  
your phone



### KEY

- Lates listing
- Information desk
- Bar
- Stairs
- Lift
- Cash machine
- Toilets
- Baby changing facility
- DJ

### 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



# IMPERIAL LATES

## PROGRAMME

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## 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.

7

### 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)

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(Freya Masters)

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(Aaron Khemchandani)

8

### 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.

## 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

12

### The future of AI

Adaptive and Intelligent Robotics Lab and Imperial Tech Foresight

From shared dreaming to cyborg rights, and instant language translation. Meet the team who mapped AI's future role in our daily lives.

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?