IMPERIAL

Department of Materials
Department of Earth Science and Engineering

A DAY OF **CELEBRATION**



RSM 175 | 'FROM ATOMS TO PLANETS'
175 YEARS OF DISCOVERY

10am – 5pm
Friday 27th November
Royal School of Mines

Imperial College London

www.imperial.ac.uk/rsm-175



In celebration of this year's 175th anniversary of the Royal School of Mines (RSM175), the Department of Earth Science and Engineering and the Department of Materials are holding a flagship community event.

Established in 1851, the RSM was one of the three founding colleges of Imperial College London. Since then, it has nurtured generations of students, staff, researchers and educators, building a legacy of discovery and innovation across materials science and earth science and engineering.

Taking place throughout the RSM building on Friday 27th November, our interactive and festival-style event brings together alumni, industry partners, students, staff, and friends for a day of discovery, celebration and connection, showcasing the people, research, teaching, innovation and culture that define the RSM today.









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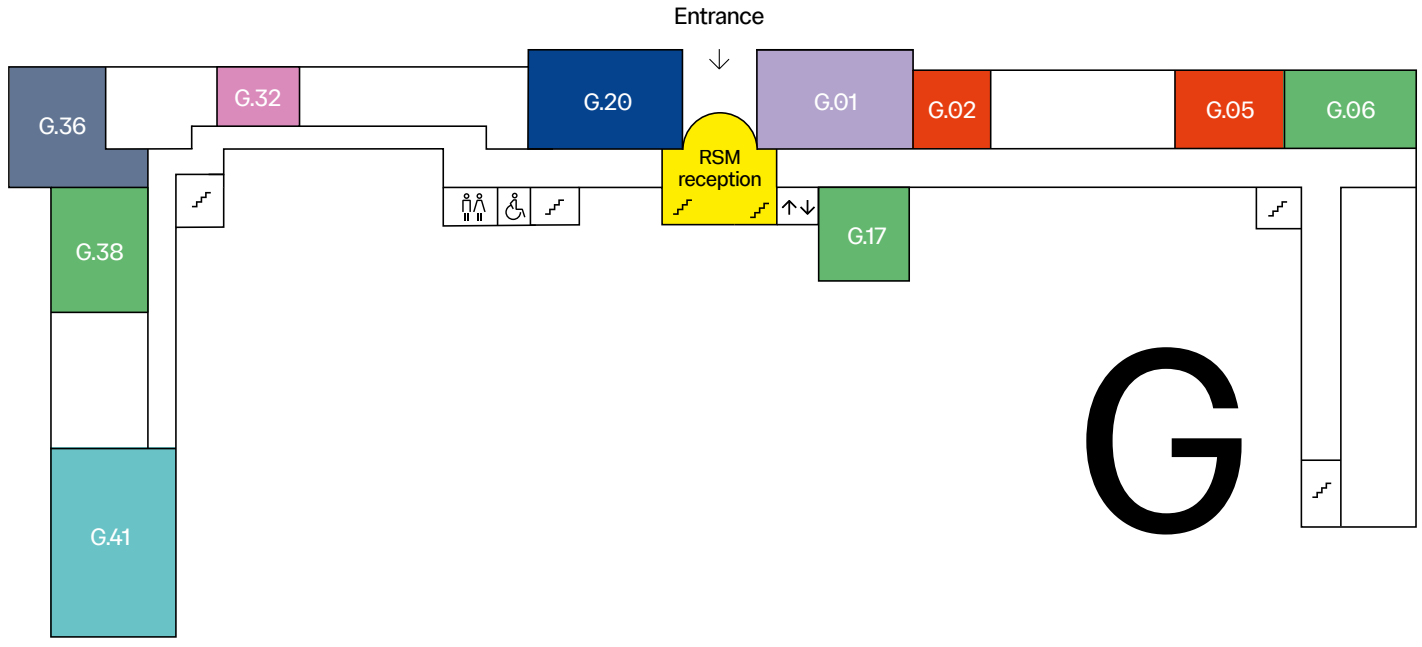

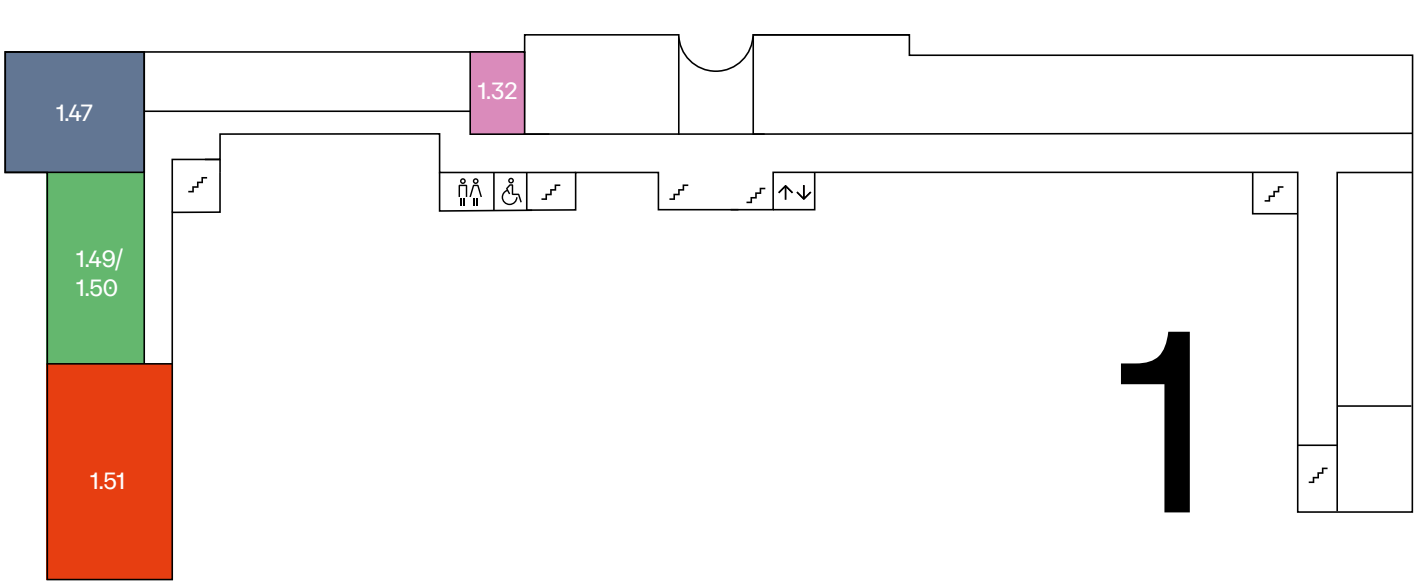

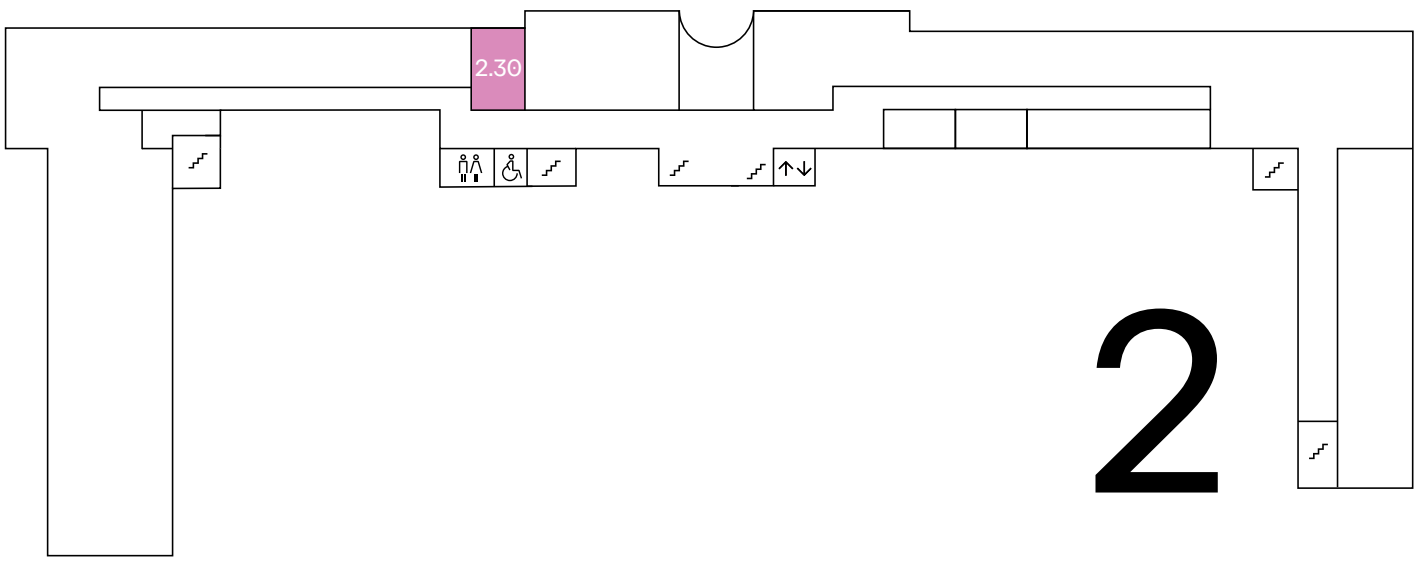

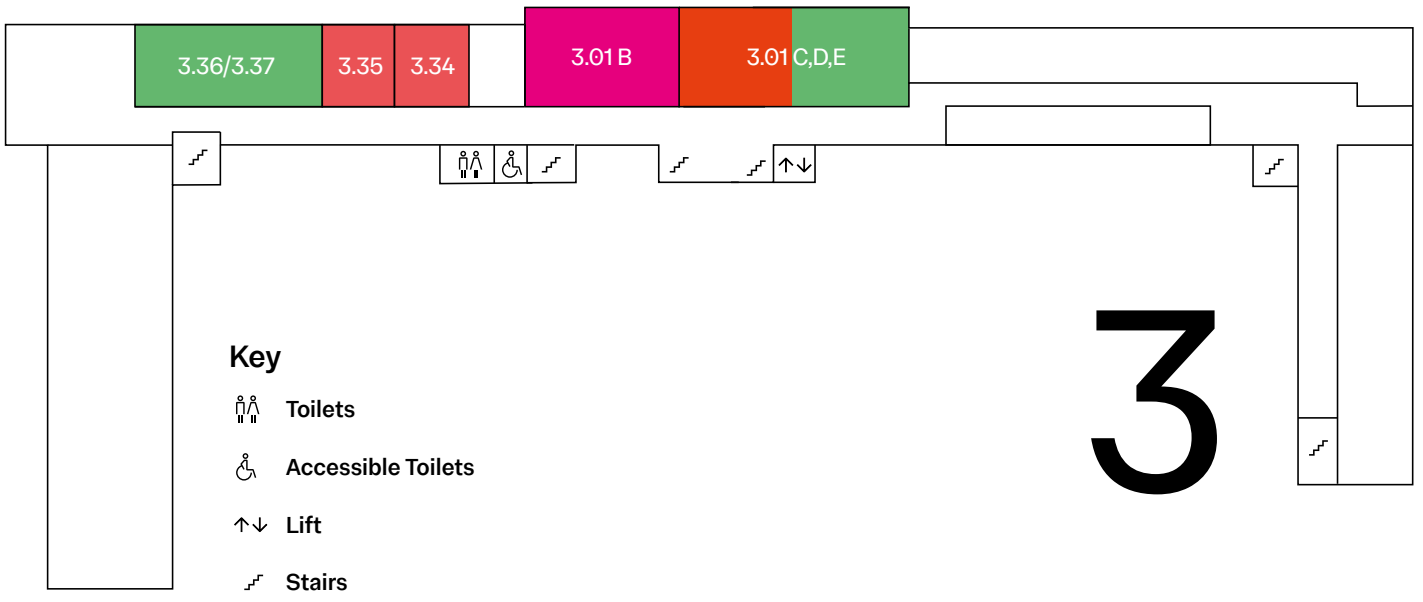

RSM175
A Day of Celebration

Timed Events: Room G.20

- Keynote speech: Professor Nigel Brandon (10.00 – 10.45 am)
- Keynote speech: Professor Mary Ryan (4.00 – 4.45 pm)
- Atoms to Planets panel discussion (1.00 – 1.45 pm)
- Research Slam (2.00 – 3.30 pm)

RSM Reception

- Entrance and Exit for attendees
- History Mural Showcase
- Clementine II – on the road

Welcome Hub: Room G.01

- Registration desk & event schedule
- Event programme, timetable and map
- RSM175 and Student society merchandise sale
- Photobooth and live keychain station
- Activity passport
- ESE & Materials lab tour sign up
- Albert Memorial History tour sign up
- South Kensington History walk sign up
- ESE Escape Room sign up

Education Showcase

- ESE Education Showcase (UG showcase): **Room 1.51**
- VR Education showcase: The Great Exhibition: **Room 3.34/3.35**
- ESE: Escape room (with UG showcase): **Room 1.51**
- ESE: Fieldwork: **Room 1.51**
- ESE Education Showcase (Ada Lovelace Academy stand): **Room 3.01C**
- ESE MSc Hackathon poster showcase **Room 3.01C**
- RSM175 building scavenger hunt and Contextualising the Curriculum showcase: **Room 1.51**
- Discover Materials: **Room G.05**
- Materials: UROP/IROP Posters: **Room G.05**
- Materials: Display of 1st year projects (Design St): **Room G.02 A&B**
- Materials: Escape Room: **Room G.05**
- Materials: Time Capsule for the next 25 years: **G.02 A&B**

Research Showcase

Room G.06
- Materials: Biomaterials for tissue regeneration
- Materials: Royce at Imperial
- Materials: SPIN-Lab x LCN
- Materials: History of Alloys
- Materials: Thomas Young Centre
- Materials: Advanced Structural Ceramics
- Materials: ColourMix
- Materials: QuEST
- Materials: Hitachi-Imperial Centre
- Materials: 3° Tree (Sustainable Christmas Tree)

Room G.17
- Materials: Engineering Alloys and Metamaterials

Room G.38
- ESE: Critical Materials and Mining

Room 1.49/1.50
- ESE: Earthquakes and Volcanoes
- ESE: Air Pollution
- Materials: Air Pollution sensing in the RSM
- ESE: Planetary Surfaces
- Materials: Shoebox Maser

Room 3.01D/E
- ESE: Planetology
- Material Encounters Art Exhibition
- ESE: Antarctica

Room 3.36/3.37
- ESE: Moon Makers & Impact Catapult
- Materials: Planets to Atoms
- ESE: Gigatonne Underground
- Materials: CO_2 electro valorisation to fuels & chemicals
- ESE: Exoplanet Explorer

Industry/Alumni/Student Networking Zone: Room G.41

- Industry and spinout stands
- RSMA Stand
- 10.00 – 12.00 Meet and Greet
- 14.00 – 16.00 Careers Networking

Quiet Zone: Room G.32/1.32/2.30

- Tranquillity Room (**Room 1.32**) – designated sensory space for neurodivergent individuals and those requiring timeout.

Overflow & Livestreaming Space: Room G.36 and 1.47

- ESE PhD Prize ceremony **Room G.36** (3.35 – 3.50 pm)

RSM Café

- MatSoc band

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Programme

WELCOME

Room G.01

- Registration
- Welcome desk
- Event programme, timetable and map
- RSM175 merch sale
- Student society merch sale
- Photobooth and live keychain station
- Activity passport
- Sign-up for lab tours and walking tours

TIMED EVENTS

Room G.20/1.47/G.36

- 10.00 – 10.45 am: Keynote speech from Professor Nigel Brandon
- 1.00 – 1.45 pm: 'Atoms to Planets' panel discussion
- 2.00 – 3.30 pm: Research Slam (G.20 only)
- 4.00 – 4.45 pm: Keynote speech from Professor Mary Ryan
- 5.00 pm: Switch-on of RSM building illumination

TIMED EVENTS

Various rooms

- 10.00 am – 12.30 pm: ESE MSc Hackathon poster showcase (3.01C)
- 10.00 am – 12.00 pm: Industry, alumni and student meet and greet (G.41)
- 11.00 am – 12.00 pm / 12.30 – 1.30 pm / 2.00 – 3.00 pm: South Kensington/ Albertopolis walking tour (sign-up and meeting point in G.01)
- 1.00 – 2.00 pm: ESE Escape Room (1.51; sign-up in G.01)
- 1.00 – 2.00 pm: Albert Memorial walking tour (sign-up and meeting point in G.01)
- 2.00 – 4.00 pm: Alumni, student and industry networking event (G.41)
- 2.00 pm & 3.30 pm: MatSoc band performance (RSM Café)
- 3.35 – 3.50 pm: ESE PhD Prize ceremony (G.36)
- Various times: Lab tours (sign-up in G.01)

ALL DAY

11.00 am – 4.00 pm

- ESE and Materials Research Showcase (G.06, G.17, G.38, 1.49/1.50, 3.01D & E, 3.36/3.37)
- ESE Education Showcase (1.51)
- Scavenger hunt and Contextualising the Curriculum stand (1.51)
- Ada Lovelace Academy stand (3.01C)
- VR: The Great Exhibition (3.34/3.35)
- Materials Education Showcase (G.02A & B, G.05)
- Industry, Alumni and Students – Showcase and networking zone (G.41)
- RSMA stand (G.41)
- RSM history mural (central RSM stairwell)
- Watson Forum interviews (1.40)
- Visit and rides on Clementine, the RSM motor mascot (until 3.00 pm)

QUIET SPACES

10.00 am – 5.00 pm

- Zone for neurodivergent attendees (G.32, 2.30)
- Tranquillity Room (1.32)

Food + drink locations

