

SPACE DOMAIN



UCL Space Week

Professor Alan Smith
Director, UCL Space Domain



SPACE WEEK '21



UCL



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Day 1 - 8th Nov

- **Looking Ahead:**
What do the coming years look like for the space sector?
- **The Artistry of Dan Curry:**
A public lecture by the artist behind Star Trek



Day 2 - 9th Nov

- **The Robotic Exploration of the Solar System:**
UCL's research in robotic exploration
- **Humans in Space:**
Including UCL's Off-World Living Institute and its research around living in space



Day 3 - 10th Nov

- **The Future Role of Academia in the Space Sector:**
Learn from experts on how institutions and universities play their part



Day 4 - 11th Nov

- **Exoplanets:**
Science and technology behind two exoplanet missions: PLATO and Ariel
- **ESA_Lab:**
Helping align research, development and education across the European Space Sector
- **Conference Débat:**
Mitigating climate change from a space research perspective

Day 5 - 12th Nov

- **Debate:**
Is settling on Mars essential for the future of humanity?
- **Pecha Kucha**
A quick-fire presentation of research and chance to network



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| 13:15 – 13:20 | Opening | Prof David Price | Vice Provost Research, Innovation and Global Engagement |
| 13:20 – 13:25 | Introduction | Prof Alan Smith | Director, Space Domain |
| 13:25 – 13:55 | Invited Speaker | Prof Pascale Ehrenfreund | President International Space University, President IAF |
| 13:55- 15:40 | Session 8.1.1 | Chair: Prof Alan Smith | Director UCL Space Domain |
| 13:55 – 14:10 | UK Space Agency | Claire Barcham | UKSA Strategy Director |
| 14:10 – 14:25 | International Space Policy | Prof Serge Plattard | Deputy Director, UCL SD |
| 14:25 – 14:40 | European Space Agency | Dr Joseph Aschbacher | ESA Director General (recorded message) |
| 14:40 – 14:55 | UCL Space Domain | Prof Alan Smith | Director UCL SD |
| 14:55 – 15:10 | Research & Innovation at UCL | Prof David Price | Vice Provost, RIGE |
| 15:10 – 15:20 | Satellite App. Catapult | Lucy Edge | Satellite Application Catapult Chief Operating Officer |
| 15:20 – 15:30 | UCL Space Society | Estelle Janin | President UCL Space Society |
| 15:30 – 15:45 | Q & A | | |
| 15:45 – 15:55 | Coffee/tea | | |

Monday 8th November 2021

13:15 – 17:45

Looking ahead

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| 15:55 – 17:45 | Session 8.1.2 | Chair: Prof Serge Plattard | Deputy director SD/UCL |
| 15:55 – 16:15 | Solar-C | Prof Sarah Matthews | Mullard Space Science Laboratory/UCL |
| 16:15 – 16:30 | GAIA | Prof Mark Cropper | MSSL/UCL |
| 16:30 – 16:45 | Euclid | Prof Tom Kitchin | MSSL/UCL |
| 16:45 – 17:00 | Solar Orbiter | Prof Chris Owen | MSSL/UCL |
| 17:00 – 17:15 | SMILE | Prof Graziella Branduardi-Raymont | MSSL/UCL |
| 17:15 – 17:30 | COSS | Dr David Jeevendrampillai | Anthropology/UCL |
| 17:30 – 17:45 | Q & A | | |
| 17:45 – 18:30 | Drinks reception | | |