

| Entry Number | Title | Name | Department |
|--------------|---|------------------------|---|
| 1 | Low Omega-3 fatty acid level during pregnancy are associated with a high rate of pre- and postnatal depression (systematic review of observational studies) | Mohammed Al Sinani | Metabolism, Digestion & Reproduction |
| 2 | Ancillary services: the key to the energy transition | Luis Badesa Bernardo | Electrical and Electronic Engineering |
| 3 | Viruses: my new best friends | Saaed Banaama | Bioengineering |
| 4 | Using computers to harness muscle's amazing adaptability | Tiffany Baptiste | Bioengineering |
| 5 | Make Fibre Great Again | Grace Barker | Metabolism, Digestion & Reproduction |
| 6 | High Blood Cholesterol | Adesola Bello | Metabolism, Digestion & Reproduction |
| 7 | More than just child's play | James Bezer | Bioengineering |
| 8 | | Julia Bornemann | Brain Sciences |
| 9 | Energy Catalysis Calligram | Carlotta Bozal-Ginesta | Chemistry |
| 10 | | Emily Brown | Chemistry |
| 11 | Why We Can't Stop Thinking About Sex | Isabelle Coales | Brain Sciences |
| 12 | When rhythm goes wrong | Clare Coyle | National Heart and Lung Institute |
| 13 | Human Pheromones: Another fairy-tale? | Alana Cullen | Centre for Languages, Culture and Communication |
| 14 | A Common Fungus - Not to be underestimated | Nicole Deacon-Smith | Life Sciences |
| 15 | A conversation in the garden | Elisa Denis | Centre for Environmental Policy |

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| 16 | QUARANTINE CONNECTION – GRANDMA CALLING | Imanol Duran | Life Sciences |
| 17 | From Atoms to Instagram – Information is Everywhere | Waleed El-Geresy | Electrical and Electronic Engineering |
| 18 | ‘That’s so fetch!’: How Teen Chick Flicks are in Your Genes | Jessica Ellins | Institute of Clinical Sciences |
| 19 | The Antibiotic March | Benji Fenech Salerno | Chemistry |
| 20 | HOW could the CUTE PROCESSOR architecture make computers simpler, smaller, faster, safer? | Romain Fouquet | Electrical and Electronic Engineering |
| 21 | Alien invaders; they're already here | Kathryn Fowler | Life Sciences |
| 22 | | Camille Gajria | Centre for Higher Education Research & Scholarship |
| 23 | Moving inside mother’s womb | Abhishek Kumar Ghosh | Mechanical Engineering |
| 24 | Finding the Path of Least Resistance | Isabella Goldsbrough | Surgery and Cancer |
| 25 | Life is cyclic, so let’s go circular for e-waste | Moises Gomez Santes | Civil and Environmental Engineering |
| 26 | The Language of Action | Max Grogan | Life Sciences |
| 27 | ‘Alexa... Cure Cancer’ - Artificial Intelligence for Cancer Research | Tom Halmos | Life Sciences |
| 28 | Reducing our numbers | Rhea Harewood | School of Public Health |
| 29 | Preventing parasitic disease with the power of ultraviolet LEDs | Lucinda Hazell | Civil and Environmental Engineering |
| 30 | Why Asthma Is Like Your Neighbours Thinking Your House Is on Fire | Lauren Headley | National Heart and Lung Institute |

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|--------------|---|---------------------------|---------------------------------------|
| 31 | Tackling climate change while protecting your well-being | Michael High | Chemical Engineering |
| 32 | A really strong magnet can dissolve Everything | David Ho | Physics |
| 33 | We Need to Talk about Pain: A Manifesto | David Hohenschurz-Schmidt | Surgery and Cancer |
| 34 | Aphids - The Clone Army in the Garden | Katia Hougaard | Life Sciences |
| 35 | Diary of a Drosophila -behaviour researcher: why do flies sleep? | Hannah Jones | Life Sciences |
| 36 | Re-evaluating how we think about creep crack growth testing | Michael Jones | Mechanical Engineering |
| 37 | | Eva Kane | Institute of Clinical Sciences |
| 38 | High-Throughput Material Modelling – Accelerating Discovery of Advanced Energy Technology | Sean Kavanagh | Materials |
| 39 | Future Cancer Survivor | Martha Kedzucki | Surgery and Cancer |
| 40 | | Lewis Keeble | Electrical and Electronic Engineering |
| 41 | Whales on Hols: why orcas are more like us than we think | Sonia Klein | Business School |
| 42 | | Yibei Li | Maths |
| 43 | Translating words to numbers | Clavance Lim | Computing |
| 44 | Cryptococcosis: The Silent Killer | Michelle Lin | Life Sciences |
| 45 | In Memoriam | Daryl Ma | Electrical and Electronic Engineering |

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| 46 | | Elliot MacLeod | National Heart and Lung Institute |
| 47 | Baby you can drive my gene: Eliminating populations of malaria mosquitoes using self-spreading infertility | Molly McGrath | Life Sciences |
| 48 | The meaning of illness | Lydia Joan Melville | Centre for Languages, Culture and Communication |
| 49 | | Luqman Hakim Bin Mohd Azmi | Chemical Engineering |
| 50 | Scientific working group “weekly” meeting, Heaven | Razvan-Daniel Moise | Physics |
| 51 | | Belen Gimeno Molina | Metabolism, Digestion & Reproduction |
| 52 | Where There’s A Quill There’s A Way | Sussanah Molisso | Chemistry |
| 53 | To Dance Beneath a Diamond Sky | Jack Monaghan | Centre for Languages, Culture and Communication |
| 54 | | Sophie Morse | Bioengineering |
| 55 | Our Check Engine Light | William Morton | Computing |
| 56 | The Molecules Cocktail Party | Marco Barbero Mota | Bioengineering |
| 57 | The Difficulty of Balance in High Wind; Explaining Why Green Energy Makes the Power Grid Less Stable | Cormac O'Malley | Electrical and Electronic Engineering |
| 58 | Protection, proliferation and preterms: the many roles of platelets | Daniel O'Reilly | Chemistry |
| 59 | Towards real-time simulation of urban air quality and microclimate | Sam Owens | Civil and Environmental Engineering |
| 60 | Catalysts for change | Samuel Page | Chemistry |

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|--------------|--|-----------------------|--------------------------------------|
| 61 | Coronavirus and the decarbonised future | Mei-Chin Pang | Mechanical Engineering |
| 62 | The confessions of the people | Denny Rigby | Earth Science and Engineering |
| 63 | Can we have Artificial Emotional Intelligence? | Georgios Rizos | Computing |
| 64 | Life: When Chemistry Became Biology | Daisy Rogers-Simmonds | Chemistry |
| 65 | Nanocellulose: good things come in small packages! | Alba Santmarti | Aeronautics |
| 66 | | Alexander Schwertheim | Aeronautics |
| 67 | Fatberg | Kebonyetsala Seanneng | Chemical Engineering |
| 68 | Cancer Organoids: "miniature" tumours on a dish | Anita Semertzidou | Metabolism, Digestion & Reproduction |
| 69 | Can we measure consciousness? | Faissal Sharif | Brain Sciences |
| 70 | Cognitive Bias and the Myth of Mass Panic | Joe Sheppard | Brain Sciences |
| 71 | | Ben Simon | Earth Science and Engineering |
| 72 | Market Disruptors | Ankur Singh | Business School |
| 73 | Shapes from the Fifth Floor | George Smith | Physics |
| 74 | The Enemy Within | William Steele | Immunology and Inflammation |
| 75 | Microneedle vaccines | Isobel Steer | Bioengineering |

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| 76 | Buddha & Jules Verne: finding common ground on Gene Drive | Anna Strampelli | Life Sciences |
| 77 | Beneath the Surface: A colloquy creates a synergy of energies | Zainab Titus | Earth Science and Engineering |
| 78 | A successful candidate | Paula Vila Gomez | Brain Sciences |
| 79 | Multimodal image registration of old masters paintings | Maria Villafane | Electrical and Electronic Engineering |
| 80 | Math and Computer Science in a Finger Snap | Sophia Vorderwuelbecke | Mathematics |
| 81 | Firing on all cylinders; How MCM2-7 helicase initiates DNA Replication | Chris Weekes | Institute of Clinical Sciences |
| 82 | Maternal effect genes and the mysteries of infertility | Jack Williams | Chemistry |
| 83 | | Weilun Xu | Chemical Engineering |
| 84 | | Yuuki Yanagisawa | Infectious Diseases |
| 85 | Managing degrading equipment | Marta Zagorowska | Chemical Engineering |
| 86 | Machine Learning and Food | Harrison Zhu | Mathematics |
| 87 | It's All a Facade – Fire Safety in High-rise Buildings | Bonner Matthew | Mechanical Engineering |