

Programme

Friday 30 March

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| 12.30 | Registration and sign-up for workshops | Physics Department (Tolansky Building): Main Entrance Lobby |
| 12.45 | Lunch and refreshments | Physics Common Room, G/F, T125 |
| 13.45 | Welcome to Royal Holloway, University of London Prof Grahame Blair, head of department | Horton Lecture Theatre, G/F, TLT1 |
| 14.00 | Lecture: Fancy physics needs fancy materials Prof Chris Grovenor (University of Oxford) | Horton Lecture Theatre, G/F, TLT1 |
| 15.00 | <p>Workshop Session 1 *</p> <p>* The following activities will be available for this workshop session:</p> <ul style="list-style-type: none"> • Introduction to the virtual physical laboratory John Nunn (National Physical Laboratory) • Simple holography and laser demonstrations in the classroom Pearl John (University of Southampton) • Teaching medical physics Dr Taj Bhutta (Institute of Physics) • Ideas for investigations Steve Hearn (Physics Network Coordinator Charthouse School) <p>(Refreshments will be available from 15.45 from the physics common room)</p> | <p>Physics Department:</p> <p>Computer Room, 1/F, HITT Lab</p> <p>Teaching Lab, 1/F, Tolansky T231</p> <p>Seminar Room, G/F, T125</p> <p>Teaching Lab, 1/F, Tolansky T231</p> |
| 16.30 | Lecture: Searching for evidence of new physics TBC Dr Tracey Berry (Royal Holloway, University of London) | Horton Lecture Theatre, G/F, TLT1 |
| 17.30 | Welcome reception Sponsored by the physics department | Physics Common Room, G/F, T125 |
| 18.00 | Talk and tour of the physics department, incl. cryogenic labs, X-ray labs, accelerator labs etc. Dr Simon Reynolds and various researchers (RHUL) | Physics Department |
| 19.00 | Walk to accommodation and check-in | The Hub: Reception |
| 19.30 | Dinner | The Hub: Dining Room |

Saturday 31 March - morning

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| 08.30 | Breakfast | The Hub: Dining Room |
| 10.00 | <p>Workshop Session 2 *</p> <p>* The following activities will be available for this workshop session:</p> <ul style="list-style-type: none"> • Introduction to the virtual physical laboratory John Nunn (National Physical Laboratory) • Simple holography and laser demonstrations in the classroom Pearl John (University of Southampton) • Waves and radiation Dr Liz Nourshargh (Physics Network Coordinator The Royal Latin School) • Ideas for investigations Steve Hearn (Physics Network Coordinator Charthouse School) <p>(Refreshments will be available from 10.45 from the physics common room)</p> | <p>Physics Department:</p> <p>Computer Room, 1/F, HITT Lab</p> <p>Teaching Lab, 1/F, Tolansky T231</p> <p>Seminar Room, G/F, T125</p> <p>Teaching Lab, 1/F, Tolansky T231</p> |
| 11.30 | <p>Lecture: Low temperature physics Prof John Saunders (Royal Holloway, University of London)</p> | Horton Lecture Theatre, G/F, TLT1 |
| 12.30 | IOP Education Resources | |
| 13.00 | Lunch | Physics Common Room, G/F, T125 |

Saturday 31 March – afternoon

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| 14.00 | <p>Lecture: Liking science is not enough - evidence from a 5 year study of children and parents' science and career aspirations Prof Louise Archer (King's College London)</p> | Horton Lecture Theatre, G/F, TLT1 |
| 15.00 | <p>Workshop session 3*</p> <p>* The following activities will be available for this workshop session:</p> <ul style="list-style-type: none"> • Introduction to the virtual physical laboratory John Nunn (National Physical Laboratory) • Simple holography and laser demonstrations in the classroom Pearl John (University of Southampton) • Waves and radiation Dr Liz Nourshargh (Physics Network Coordinator The Royal Latin School) • Ideas for investigations Steve Hearn (Physics Network Coordinator Charthouse School) <p>(Refreshments will be available from 15.45 from the physics common room)</p> | <p>Physics Department:</p> <p>Computer Room, 1/F, HITT Lab</p> <p>Teaching Lab, 1/F, Tolansky T231</p> <p>Seminar Room, G/F, T125</p> <p>Teaching Lab, 1/F, Tolansky T231</p> |
| 16.30 | <p>TeachMeet: teachers sharing ideas with teachers</p> | Horton Lecture Theatre, G/F, TLT1 |
| 18.00 | Free time | |
| 18.30 | <p>Lecture: The Psychology of Communicating Science Prof Jack Klaff (Princeton University Starlab, Brussels/Barcelona)</p> | Founder's Building: Main Lecture Theatre |
| 19.30 | <p>Conference dinner</p> | Founder's Building: Picture Gallery |

Sunday 1 April

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| 08.30 | Breakfast | The Hub: Dining Hall |
| 09.30 | Check-out of rooms | The Hub: Reception |
| 10.00 | <p>Workshop session 4*</p> <p>* The following activities will be available for this workshop session:</p> <ul style="list-style-type: none"> • Teaching medical physics Dr Taj Bhutta (Institute of Physics) • Simple holography and laser demonstrations in the classroom Pearl John (University of Southampton) • Waves and radiation Dr Liz Nourshargh (Physics Network Coordinator The Royal Latin School) • Ideas for investigations Steve Hearn (Physics Network Coordinator Charthouse School) <p>(Refreshments will be available from 10.45 from the physics common room)</p> | <p>Physics Department:</p> <p>Computer Room, 1/F, HITT Lab</p> <p>Teaching Lab, 1/F, Tolansky T231</p> <p>Seminar Room, G/F, T125</p> <p>Teaching Lab, 1/F, Tolansky T231</p> |
| 11.30 | <p>Lecture: MRI – the physics of seeing inside the body TBC</p> <p>Dr Simon Doran (University of Surrey)</p> | Horton Lecture Theatre, G/F, TLT1 |
| 12.30 | Lunch | Physics Common Room, G/F, T125 |
| 13.00 | Close of conference | |