

ERIS 2022

Final Programme

Sunday 18th September 2022

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| 13:30, 16:00, 18:00, 20:00 | Bus pick-up at Hoogeveen to Hotel de Borken | |
| 18:00–19:00 | Registration and Welcome Reception at de Borken | Liesbet Elpenhof + Yvonne Kool |

Monday 19th September 2022

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| 08:00 | Bike pick-up from de Borken | |
| 08:15 | Registration (ASTRON) | Liesbet Elpenhof + Yvonne Kool |
| 08:50 | Opening / Welcome | Paco Colomer + Zsolt Paragi |
| 09:00-09:45 | L - Introduction to interferometry 1 | John McKean |
| 09:45-10:30 | L - Introduction to interferometry 2 | John McKean |
| 10:30-11:00 | Tea / Coffee | |
| 11:00-12:15 | T - Fun with interferometers | Harish Vedantham |
| 12:15-12:30 | T - Introduction to writing a proposal | Zsolt Paragi |
| 12:30-13:30 | Lunch | |
| 13:30-14:15 | L+T - Introduction to interferometric data 1 | Anita Richards + Katharine Johnston |
| 14:15-14:45 | Coffee | |
| 14:45-15:30 | L+T - Introduction to interferometric data 2 | Anita Richards + Katharine Johnston |
| 15:30-18:00 | Visit to WSRT (School Photo) | |
| 18:30 | Dinner (t' Hof van Dwingeloo) | |

Tuesday 20th September 2022

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| 08:50-09:00 | LOC announcements | Zsolt Paragi |
| 09:00-09:45 | L - Polarisation | Michiel Brentjens |
| 09:45-10:30 | L+T - Introduction to calibration 1 | Ann Njeri Ng'Endo + Anita Richards |
| 10:30-11:00 | Tea / Coffee | |
| 11:00-11:45 | L+T - Introduction to calibration 2 | Ann Njeri Ng'Endo + Anita Richards |

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| 11:45-12:30 | L+T - Introduction to calibration 3 | Ann Njeri Ng'Endo + Anita Richards |
| 12:30-13:30 | Lunch | |
| 13:30-14:15 | L+T - Introduction to imaging 1 | Cristiana Spingola + Katharine Johnston |
| 14:15-15:00 | L+T - Introduction to imaging 2 | Cristiana Spingola + Katharine Johnston |
| 15:00-15:30 | Tea / Coffee | |
| 15:30-16:15 | L+T - Introduction to self-calibration 1 | Jack Radcliffe + Ann Njeri Ng'Endo |
| 16:16-17:00 | L+T - Introduction to self-calibration 2 | Jack Radcliffe + Ann Njeri Ng'Endo |
| 20:00-21:00 | Evening Lecture: "Supermassive black holes and where to find them" - de Borcken (Winter Garden) | Jim Moran |

Wednesday 21st September

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|-------------|--------------------------------------------------------------|---------------------------------------------|
| 08:50-09:00 | LOC announcements | Zsolt Paragi |
| 09:00-09:45 | L+T - Proposals and observing planning 1 | Benito Marcote + Manu Orru' |
| 09:45-10:30 | L+T - Proposals and observing planning 2 | Benito Marcote + Manu Orru' |
| 10:30-11:00 | Tea / Coffee | |
| 11:00-11:45 | L+T - Introduction to imaging 3 | Cristiana Spingola + Jack Radcliffe |
| 11:45-12:30 | L+T - Introduction to imaging 4 | Cristiana Spingola + Jack Radcliffe |
| 12:30-13:30 | Lunch | |
| 13:30-14:15 | L - NOEMA: The mm-interferometer for the northern hemisphere | Ana López-Sepulcre |
| 14:15-15:00 | L - Spectral line interferometry | Katharine Johnston |
| 15:00-15:30 | Tea / Coffee | |
| 15:30-16:15 | L - Very long baseline interferometry 1 | Bob Campbell |
| 16:16-17:00 | L+T - Very long baseline interferometry 2 | Ilse van Bemmél + Suma Murthy + Gábor Orosz |
| 17:00-17:45 | L+T - Very long baseline interferometry 3 | Ilse van Bemmél + Suma Murthy + Gábor Orosz |

Thursday 22nd September

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| 08:50-09:00 | LOC announcements | Zsolt Paragi |
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| 09:00-09:45 | L+T - Advanced tutorials | AT1 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 09:45-10:30 | L+T - Advanced tutorials | AT1 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 10:30-11:00 | Tea / Coffee | |
| 11:00-11:45 | L+T - Advanced tutorials | AT1 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 11:45-12:30 | L+T - Advanced tutorials | AT1 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 12:30-13:30 | Lunch | |
| 13:30-14:15 | L+T - Advanced tutorials | AT2 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 14:15-15:00 | L+T - Advanced tutorials | AT2 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 15:00-15:30 | Tea / Coffee | |
| 15:30-16:15 | L+T - Advanced tutorials | AT2 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 16:16-17:00 | L+T - Advanced tutorials | AT2 (Hooghoudt) AT3 (van der Hulst) AT4 (Oort) |
| 18:30 | Dinner (Bos Pub) | |

Friday 23rd September

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|-------------|------------------------------------------|--------------|
| 08:50-09:00 | LOC announcements | Zsolt Paragi |
| 09:00-09:45 | L - Spectrum management | Gyula Józsa |
| 09:45-10:30 | T - Proposal presentations (preparation) | Students |
| 10:30-11:00 | Tea / Coffee | |
| 11:00-12:30 | T - Proposal presentations | Students |
| 12:30-13:30 | Lunch (badge drop) | |
| 13:30-14:45 | T - Proposal presentations | Students |
| 14:45-15:15 | Concluding Remarks and Feedback | Zsolt Paragi |
| 15:30 | Buses to Hoogeveen | |

Advanced tutorials

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| AT1 | Metre / wide-field (LOFAR) | Marco Iacobelli, Manu Orru' |
| AT2 | Centimetre / polarisation (e-MERLIN) | Ann Njeri Ng'Endo, Jack Radcliffe, Anita Richards |
| AT3 | Centimetre / VLBI (EVN) | Ilse van Bemmelen, Benito Marcote, Suma Murthy, Zsolt Paragi, Gábor Orosz |
| AT4 | Millimetre / spectral line (ALMA) | Alex Hygate, Ana Lopez-Sepulcre, Katharine Johnston, Katharina Immer |

Invited Lecturers

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| Ilse van Bemmelen | (JIV-ERIC, NL) |
| Michiel Brentjens | (ASTRON, NL) |
| Bob Campbell | (JIV-ERIC, NL) |
| Alex Hygate | (Allegro, NL) |
| Marco Iacobelli | (ASTRON, NL) |
| Katharina Immer | (Allegro, NL) |
| Katharine Johnston | (ULeeds, UK) |
| Gyula Józsa | (MPIFR, DE) |
| Ana López-Sepulcre | (IRAM, FR) |
| Benito Marcote | (JIV-ERIC, NL) |
| John McKean | (ASTRON, NL) |
| Ann Njeri Ng'Endo | (UNEW, UK) |
| Jim Moran | (UHAR, US) |
| Suma Murthy | (JIV-ERIC, NL) |
| Gábor Orosz | (JIV-ERIC, NL) |
| Manu Orru' | (ASTRON, NL) |
| Zsolt Paragi | (JIV-ERIC, NL) |
| Jack Radcliffe | (UPRET, SA) |
| Anita Richards | (UMAN, UK) |
| Cristiana Spingola | (INAF, IT) |
| Harish Vedantham | (ASTRON, NL) |