

Session Program

5-7 Feb 2024



Workshop on Particle Production and Thermal Effects in Inflation

Thermal Effects and Warm Inflation

Virtual @ King's College London
Theoretical Particle Physics and Cosmology, 7th floor, Strand Campus, King's College London

Wednesday 7 February

10:00

Thermal Effects and Warm Inflation: Morning Session

Session |

Location: Virtual @ King's College London, Theoretical Particle Physics and Cosmology, 7th floor, Strand Campus, King's College London

10:00–10:45

Thermalized Axion Inflation

Speaker

Alessio Notari

10:50–11:35

Towards understanding non-Abelian axion inflation

Speaker

Mikko Sakari Laine

11:40–12:25

Saving Warm Axion Inflation from Light Fermions

Speaker

Dr Sebastian Zell

12:30

14:00

Thermal Effects and Warm Inflation: Afternoon Session

Session |

Location: Virtual @ King's College London, Theoretical Particle Physics and Cosmology, 7th floor, Strand Campus, King's College London

14:05–14:50

Dark Matter production during Warm Inflation via Freeze-In

Speaker

Gabriele Montefalcone

14:50–15:35

Warm inflation with sphaleron heating

Speaker

Kim Berghaus

15:40

15:40

Thermal Effects and Warm Inflation: Discussion on Future Directions

Session |

Location: Virtual @ King's College London, Theoretical Particle Physics and Cosmology, 7th floor, Strand Campus, King's College London

15:40–16:00

Future of Warm Inflation

Speaker

Arjun Berera

16:30