

## 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