



Contribution ID: 12

Type: **not specified**

## Towards understanding non-Abelian axion inflation

*Wednesday 7 February 2024 10:50 (45 minutes)*

An axion-like inflaton coupling to a non-Abelian gauge sector leads to a scenario which may involve fast thermalization, a computable friction coefficient, control over backreaction effects, and gravitational wave production in various frequency domains. The physics depends on the confinement scale of the non-Abelian sector, and can be either weakly or strongly coupled. We review the main ingredients of this scenario, and outline open problems.

**Presenter:** LAINE, Mikko Sakari (Universitaet Bern (CH))

**Session Classification:** Thermal Effects and Warm Inflation