

Session Program

Apr 11 - 14, 2023



International Workshop on Moment Methods in Kinetic Theory IV

Day 4 Talks

Karlsruhe Institute of Technology
KIT Campus South Engesserstrasse 5 76131 Karlsruhe

Fri, April 14

9:00 AM

Day 4 Talks: Morning Session

Session | **Location:** Lecture hall NTI (Nachrichtentechnik Hörsaal)

09:00 – 09:40

Second-order Extension of Hooke's Law in Elasticity Based on a New Boltzmann-type Collision Model

Speaker

Rho-Shin Myong

09:40 – 10:20

Data-driven, structure-preserving approximations to entropy-based moment closures for kinetic equations

Speaker

Paul Laiu

10:50 – 11:30

tba

Speaker

Irene Gamba

11:30 – 12:10

Hyperbolic moment models inspired by entropy maximization

Speaker

James McDonald

12:10 – 12:15

Closing

12:15 PM