

Session Program

10-12 Dec 2025

RIKEN-IBS Joint Workshop on Mathematical Approaches to Nature: from High-energy Physics to Biology

Day 2 Morning

IBS Center for Theoretical Physics of the Universe, Seminar Room B440
IBS Theory Building 4th Floor, 55 Expo-ro, Yuseong-gu, Daejeon, 34126, Korea

Thursday 11 December

10:00

Day 2 Morning: Fumiya Sano

Session |

Location: IBS Center for Theoretical Physics of the Universe, Seminar Room B440, IBS Theory Building 4th Floor, 55 Expo-ro, Yuseong-gu, Daejeon, 34126, Korea

10:00–10:45

Quantum-to-classical transition in cosmology

Speaker

Fumiya Sano

10:45

10:45

Day 2 Morning: Alvaro Pastor Gutierrez

Session |

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10:45–11:30

Dynamical symmetry breaking in purely chiral theories

Speaker

Dr Alvaro Pastor Gutierrez

11:30

11:30

Day 2 Morning: Shingo Gibo

Session |

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11:30–12:15

Theoretical analysis of hibernation using mathematical modelling and machine learning

Speaker

Dr Shingo Gibo

12:15