

Session Program

19-25 May 2024



Karpacz Winter Kindergarten of Theoretical Physics

Winter School lectures

Karpacz
Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

Tuesday 21 May

09:00

Winter School lectures

Session |

Location: Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

09:00–10:15

Lecture L12: “Topological Phases of Matter in and out of Equilibrium”**Speaker**

Roderich Moessner

10:15–11:30

Discussion

11:30–12:00

Coffee break

12:00–13:15

Lecture 14 “Correlations, Cluster Formation and Phase Transitions in Dense Fermion Systems”**Speaker**

Prof. Gerd Ropke

13:15

Wednesday 22 May

09:00

Winter School lectures

Session |

Location: Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

09:00–10:15

Lecture L15: “Phase Transitions in Neutron Stars”**Speaker**

Prof. Fiorella Burgio

10:15–11:30

Discussion

11:30–12:00

Coffee break

12:00–13:15

Lecture L16: “The Complexity of Neutron Star Matter: from the Liquid-Gas Phase Transition to Chiral Symmetry Breaking and Restoration”**Speaker**

Constanca Providencia

13:15

Thursday 23 May

09:00

Winter School lectures

Session |

Location: Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

09:00–10:15

Lecture L17: "Quark Deconfinement in Supernova Explosions: How to probe it?"

Speaker

Dr Takami Kuroda

10:15

12:00

Winter School lectures

Session |

Location: Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

12:00–13:15

Lecture L18: "The Complexity of Neutron Star Matter: from the Liquid-Gas Phase Transition to Chiral Symmetry Breaking and Restoration"

Speaker

Prof. Constanca Providencia

13:15

15:00

Winter School lectures

Session |

Location: Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

15:00–16:15

Lecture L19: "Quark Deconfinement in Supernova Explosions: How to probe it?"

Speaker

Dr Takami Kuroda

16:15

Friday 24 May

09:00

Winter School lectures

Session |**Location:** Karpacz, Holiday and Conference Centre "Raven Rocks" ("Krucze Skały") Address: Wilcza 1, 58-540 Karpacz

09:00–10:15

Lecture L20: “Correlations, Cluster Formation and Phase Transitions in Dense Fermion Systems”

Speaker

Prof. Gerd Röpke

10:15–11:30

Discussion

11:30–12:00

Coffee break

12:00–13:15

Lecture L21: “Correlations, Cluster Formation and Phase Transitions in Dense Fermion Systems”

Speaker

Gerd Röpke

13:15