



CONFERENCE SCHEDULE

All talks will take place in the Christian-Doppler lecture hall.

DAY 1 - FRIDAY, NOVEMBER 28

8:30- 9:15: Registration (at the conference site)
9:15- 9:30: Conference opening
9:30-10:15: "Challenges for Inflationary Cosmology", Robert Brandenberger
10:15-11:00: "String Cosmology", Timm Wrase
11:00-11:30: Coffee break
11:30-12:15: "Fake Conformal Symmetry in Conformal Cosmological Models", So-Young Pi
12:15-12:45: Session 1, Contributed talks
12:45-14:30: Lunch break
14:30-15:15: "Scrutinizing WIMP Dark Matter", Thomas Schwetz
15:15-16:00: Session 2, Contributed talks
16:00-16:30: Coffee break
16:30-17:15: Session 3, Contributed talks
17:15-18:00: "Direct dark matter searches with the CRESST experiment", Jochen Schieck
18:30-19:30: Public talk "Testing the Concepts of Modern Cosmology", Dominik Schwarz
20:00-? : Dinner in Melker Stiftskeller

DAY 2 - SATURDAY, NOVEMBER 29

9:30-10:15: "Axions as dark matter candidates", Javier Redondo
10:15-11:00: "KeV sterile Neutrino Dark Matter", Alexander Merle
11:00-11:30: Coffee break
11:30-12:15: "Particle Dark Matter Candidates", Frank Steffen
12:15-12:45: Session 4, Contributed talks
12:45-14:30: Lunch break
14:30-15:15: "Search for Dark Matter at Colliders", Heidi Sandaker
15:15-16:00: Session 5, Contributed talks
16:00-16:30: Coffee break
16:30-17:15: "Cosmology at the largest scales - opportunities with SKA and its pathfinders", Dominik Schwarz
17:15-18:00: "Quantum Universe", Viatcheslav Mukhanov
18:00- ? : Poster Presentation
18:30-? : Farewell reception

In the time allocated for each talk 5 min discussion is assumed to be included!





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12:15-12:45: Session 1, Contributed talks

Diana Lopez Nacir "Testing the simplest inflationary potential"

15:15-16:00: Session 2, Contributed talks

Gabriele Trevisan "From ϕ^2 to R^2 ? r and dust after Planck"

Andreas Goudelis "The dark side of naturalness: Beyond the MSSM"

16:30-17:15: Session 3, Contributed talks

Karol Kampf "On properties of galileon theory"

Iva Lovrekovic "Conformal gravity holography in four dimensions"

DAY 2 - SATURDAY, NOVEMBER 29

12:15-12:45: Session 4, Contributed talks

Martin Cermak "Cosmologically inspired Kastor-Traschen solution"

15:15-16:00: Session 5, Contributed talks

Vladimir Balek "Adding a solid with positive pressure to cosmic matter"

Peter Filip "Enhanced CP-violation in Primordial Magnetic Field"



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VIENNA PARTICLE PHYSICS



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Particles and Interactions