

WE Heraeus Physics School und 62. Karpacz Winter School in Theoretical
Physics "Multimessenger Astrophysics and Cosmology"

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Multimessenger cosmology (Part 2)

Tuesday, 3 March 2026 14:00 (1 hour)

Physical cosmology is relying on a rich spectrum of observational and experimental methods to probe the Universe. The new aspect is that for more and more cosmological questions, different complementary messengers and probes become available. This allows us to move from a picture of cosmic complementarity to cosmic consistency. In the second lecture, I plan to present the example of recovering and testing established cosmology with a new survey, the LOFAR Two-metre Sky Survey, which serves as an arbitrary example that I happen to know well.

Presenter: SCHWARZ, Dominik