

Heuristics in Physics

Workshop at the Physikzentrum, Bad Honnef, Dec. 10-12, 2010

Organized by the Working Group Philosophy (Brigitte Falkenburg, Dortmund) and the Section for History of Physics (Klaus Hentschel, Stuttgart) in the German Physical Society



Questions of Principle

(B. Falkenburg, S. Katzir and G. Hon)

Heuristics in Relativity and Field Theory

(key-note speaker: John Norton, Pittsburgh; S. Walter, D. Lehmkuhl, T. Sauer, A. Borrelli)

The Theory of Heuristics in Historical Perspective

(D. Suisky, J. Navarro, W. Pietsch, K. Serebryakova, U.V. Riss, B. Kröger)

Heuristics in Early Quantum Theory and Quantum Mechanics

(key-note speaker: Olivier Darrigol, Paris; M. Kuhlmann, S. Tanona, C. Joas, C. Lehner, M. Jähnert)

Roundtable on the setting of „Histosophers“ in Europe and elsewhere

Heuristics in Experiments

(K. Hentschel, M. Bullynck, D. Macuglia)

Joint Summary

Further Information:

www.dpg-physik.de/dpg/gliederung/ag/agphil
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