

Eduard-Job-Foundation for Thermo- and Matterdynamics

R. Rüffler, G. Job, K. Nagorny

University of Hamburg, Institute of Physical Chemistry, Bundesstr. 45, 20146 Hamburg, Germany

• rueffler@chemie.uni-hamburg.de

The aim of the newly founded “Eduard-Job-Foundation for Thermo- and Matterdynamics” from Hamburg (Germany) is to support education and research in the fields of thermo- and matterdynamics. These two subjects cover not only physical, chemical or technical thermodynamics in their traditional sense but also chemical kinetics and related areas as long as they are used to determine matterdynamical properties.

A new unified concept for teaching thermodynamics [1, 2] is supported by the Job-Foundation. The theoretical aspects are complemented by the proposal of more than forty simple but nevertheless impressive demonstration experiments. In addition to own work the Job-Foundation is going to promote projects which try to simplify or remodel scientific thermodynamical education.

The Job-Foundation would like to introduce itself to the scientific community at the ICAME 2003 and invites every interested person for a first personal contact at its poster.

[1] G. Job: “Neudarstellung der Wärmelehre (New Approach to Thermodynamics)”, Akademische Verlagsgesellschaft, Frankfurt am Main, 1972

[2] H.U. Fuchs: „The Dynamics of Heat“, Springer, New York, 1996