Workshop on
Recent developments of Non-Equilibrium Thermodynamics: Extended Thermodynamics, Kinetic Theory, and Engineering Applications

21 February 2013

Room 701B, 7 th floor of Bldg No.2, Nagoya Institute of Technology, Japan

Organizers:

M. Sugiyama, S. Taniguchi, and T. Arima (Nagoya Inst. of Tech.)

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13:30-14:10 **M. Sugiyama** (Nagoya Inst. of Tech.)
Extended Thermodynamics of Dense Gases. Part I.
–Introduction and Basic Theory –

14:10-14:50 **T. Arima** (Nagoya Inst. of Tech.)
Extended Thermodynamics of Dense Gases. Part II.
–Linear Waves–

14:50-15:10 (Coffee Break)

15:10-16:00 **T. Ruggeri** (Univ. of Bologna)
Maximum Entropy Principle for Rarefied Polyatomic Gases

16:10-16:50 **S. Taniguchi** (Nagoya Inst. of Tech.)
Analysis of Shock-Wave Structures in Rarefied Polyatomic Gases
Based on Extended Thermodynamics