



Public Relations and Media Centre

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Prof. Kleidon from Max Planck Institute, Germany delivered a lecture at IUST.

Awantipora, April 6. Prof. PD Axel Kleidon from Max Planck Institute for Biogeochemistry, Jena, Germany delivered a lecture on "Working at the limit: How thermodynamics shapes the earth system" at Islamic University of Science and Technology today. The session was presided over by Prof. Shakil A Romshoo, Vice Chancellor IUST and was attended by deans, directors, faculty, scholars and students.

In his lecture, Prof. Kleidon discussed the applications of thermodynamics to different processes of earth systems such as hydrological cycle, climate change, photosynthesis, energy conversion etc. He also discussed about how entropy sets fundamental directions, limits and constrains the work needed to sustain dissipative dynamics such as climate, life, human societies etc.

Speaking about the relationship of thermodynamics with such branches of science, Prof. Romshoo said that such sessions expose the educators and researchers to advanced knowledge and instil ideas about multidisciplinary programs as envisaged by NEP 2020.

Highlighting the relevance of the topic, Prof. A.H Moon, Dean Research said that the applicability of thermodynamics spans across the Bio and Geo processes. The program was coordinated by Dr. Monisa Qadri.

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