

IEEE Southeastern Michigan Section

Presents

“Ludwig Boltzmann – A Genius of Disorder!!”



Ludwig Eduard Boltzmann (20 February 1844 – 5 September 1906) was an Austrian physicist and philosopher. His greatest achievements were the development of statistical mechanics, and the statistical explanation of the second law of thermodynamics.

Statistical mechanics is one of the pillars of modern physics. It describes how macroscopic observations (such as temperature and pressure) are related to microscopic parameters that fluctuate around an average. It connects thermodynamic quantities (such as heat capacity) to microscopic behavior, whereas, in classical thermodynamics, the only available option would be to measure and tabulate such quantities for various materials. Ludwig Boltzmann's contributions to physics and philosophy have left a lasting impact on modern science.. We will leave plenty of room for attendee discussions and Q&A.



At Glance

- **When:**
Date: Feb 21st , 2025
Time: 6:00– 7:00 PM
- **Where:**
Online via WEBEX (to be shared only after you have a confirmed registration)
- **Audience:** All eligible members and potential members (only if slots available)

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Pre-Registration Required!

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