

## Today's Contents

- Various types of temperature field measurement technique (especially for the flow field and combustion system)
  - Refractive index methods
    - Schlieren, Shadowgraph
    - Mach-Zehnder
      - Application to Refractive Index Distribution Measurement
  - Absorption and emission spectroscopy
    - Boltzmann Distribution
    - Line Reversal
    - Spontaneous Rayleigh and Raman Scattering
    - Coherent anti-Stokes-Raman Scattering
    - Laser-induced Fluorescence
- Heat flux measurement
  - Differential layer devices
  - Tips for better measurement

