

# Session 2: Performance and Condition Monitoring: Quiz Summary?

- 1. What are the priority field support problems?**
  - a. Turbine and combustor components especially deterioration/damage models
  - b. Detection of: fuel variation & contamination, coating degradation; degradation of diverse lubrication systems components
- 2. How do we test diagnostic tools and access field data?**
  - a. EGT margin management adequate
  - b. NRC IIT model development and comparison tools
  - c. NASA fleet simulator tool for model development and evaluation
  - d. Need for data exploitation approach among OEM, users and developers
  - e. Developing NRC and industry technology demonstration infrastructure
- 3. Can we evaluate the results from applying analysis tools?**
  - a. Is there a compendium? What criteria would users/developers want?
- 4. How do we prepare an adequate business case?**
  - a. Sensors and analysis tools need to buy their way on and stay against skepticism
  - b. Can we really connect the dots for diagnostics and prognostics/life prediction (factor of 2)?
  - b. DPHM Canada as a forum to set up collaborations and share best practices