9:30   Introduction

Topic 8 – Spray G Nozzle Geometry and Internal Nozzle Flow
Organizer: Chris Powell (Argonne)

9:40   Nozzle Geometry and Near-Nozzle Experiments
❑ **Daniel Duke (Argonne)**

10:20   Internal and Near-Nozzle Flow Modeling
❑ **Ron Grover (GM)**

11:00   Break

Topic 9 – Evaporative Spray G

Organizer: Daniel Vaquerizo (CMT)

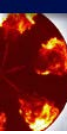11:30   Macroscopic Spray Visualization and Modeling
❑ **Josh Lacey (Melbourne)**

12:10   Spray Mixing Experiments and Modeling
❑ **Lama Itani (IFPEN) & Lyle Pickett (Sandia)**

12:50   Discussion Period

13:00   Lunch

What's next for Spray G?

Continued work with the data already acquired
- ❑ Boundary condition verifications → **More work to be done**
- ❑ Qualification of data contributions → **More work to be done**
- ❑ ESRF geometric data analysis → **Good effort by Argonne**

More measurements
- ❑ X-ray PC imaging - moving needle, cavitation, etc → **High on the "To Do" list**
- ❑ vapor fuel concentration → **Good Start by IFPEN**
- ❑ combustion? → **Topic 10 off to a slow start (table until Sunday afternoon)**

More operating conditions
- ❑ throttled early injection → **Some, but need more**
  - – flash boiling
- ❑ unthrottled early injection → **Some, but need more**
  - – still relevant and easy for everybody
- ❑ small quantity multiple injection? → **Of great interest to industry**
- ❑ identify variants around Spray G, G2, G3 → **In progress**