Meeting 11:30 AM Wednesday
12:00 PM for prep. Hip Ab
3:30 PM Expo - Sister's Brew

**Agenda**
- AI
  - Expo Registration
  - Switches
  - DAQ Comm
  - Power circuitry
  - Assign AI

**Committee Status**
- David
  - VISIO of Discharge/Charge config done/Pending Review
  - Relay - Not Done - Researching - Doing this week
  - State of Charge - TB completed
  - Flow charts... waiting on them from Chris
  - DAQ manual -> ON DAQ...
    - Superior FTC -> No FTC found yet

- Chris
  - POTS have been chosen - 2* I²C 2x 5kh 256step
  - LEM 1004 $30
  - Email Flow Charts + Block Diagram

- James
  - DAQ manual

- Expo Registration -> 3:30PM Wednesday @ Sister's

**Switches**

\[ V_{DS} \geq V_{GS} - V_{TH} \]

\[ V_{TH} \approx 0.4V \]

\[ V_{GS} = \text{Drain to Source} \]

\[ V_{DS} = \text{Source to Drain} \]

- Directly powered by PSOC
- Isolation?

**Battery Discharge**
- Refer to Thursday

**CC discharge**
- DAQ circuitry -> James
  - DAQ circuitry
  - 15V - Optocouplers, 3V-5V, DC, POT, 12V-15V, LEM
  - On the shelf - laptop, PSU, switching REG to bring out voltages
  - New DAQ ICs, old PSU we can use.
Design for Development

- James will put together Block Diagram
- DAQ comm will not be done for Diagram
- David will do Flow Chart

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<thead>
<tr>
<th>Name</th>
<th>Task</th>
<th>Due</th>
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<tbody>
<tr>
<td>James</td>
<td>Power Resistors</td>
<td>Thursday</td>
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<td></td>
<td>DAQ Comm</td>
<td>Thursday</td>
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<td>Block Diagram</td>
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<td>VISIO Rework</td>
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<td>Switching Reg</td>
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<td>Email Diagrams to James</td>
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<td>Email Flow to David</td>
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<td>Email James Port #5</td>
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<td>MOSFET control - Isolation?</td>
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- Copper bus bars for easy hookup

Design Meeting - 02/18/09

- Update Flow Charts
- Have ETA for Parts next time

LBI