**Fluid Mechanics Laboratory Organization Chart**

**Lab Director**
A/Prof Huang Xiaoyang  
Asst/Prof Zhou Tongming

**TIC**  
Eric Yap Pow Khim

**Technician – In-Charge of Equipment**

<table>
<thead>
<tr>
<th><strong>Equipment</strong></th>
<th><strong>Measuring Instrument &amp; etc</strong></th>
<th><strong>Laser Measurement</strong></th>
</tr>
</thead>
</table>
| Wind Tunnel (Medium) | Any technician in Fluid Mechanics Lab. | Dead Weight Tester: Yap Pow Khim  
Pressure Indicator/Digital Manometer: Yap Pow Khim |
| Hydrogen Bubble Flow Visualization Rig | Peh Swee Kiat  
Yap Pow Khim | Pressure Indicator/Digital Manometer: Yap Pow Khim  
Digital Camera: Peter Ng Thiam Seng  
Yap Pow Khim |
| Mini Smoke Wind Tunnel | Any technician in Fluid Mechanics Lab. | Digital Camera: Peter Ng Thiam Seng  
Yap Pow Khim |
| Series/Parallel Pump | Peh Swee Kiat  
Yap Pow Khim | Particle Image Velocimetry (PIV): Yap Pow Khim |
| Multi-Flow Meter Rig | Tan Thiam Kwee  
Peter Ng Thiam Seng | |
| Frictional Losses In Pipes and Fittings | Tan Thiam Kwee  
Peh Swee Kiat | |
| Fan Test Rig | Any technician in Fluid Mechanics Lab. | |
| Closed Loop Water Tunnel | Tan Gnah Keat  
Yap Pow Khim | |
| Spiral-Flow Water Tunnel | Tan Gnah Keat  
Yap Pow Khim | Dantec Laser Dropper: Tan Thiam Kwee  
Anemometry System: Yap Pow Khim  
TSI Laser Dropper: Yap Pow Khim  
Anemometry System: Yap Pow Khim |