## **Recitation 2: Control Volume**

- 1. Material Derivative Revision
- 2. Methods of Analysis in Fluid Mechanics
- 3. Material Volume
- 4. Control Volume
- 5. Guidelines for CV Analysis
- 6. Examples: Model Testing in water tunnel, flow through row of vanes

Appendix A: Flux out of a surface

Appendix B: What is  $\Sigma \vec{F}$