COMSCI 716 S2T

Visualization

Monday 1:30-2:30pm 731.201

Wednesday 1:30-3:30pm 731.201

http://www.cs.auckland.ac.nz/compsci716s2t/

Content

◆ **Shape recovery methods (Week 1, 2)**
  - Overview of applications and methods

◆ **Shape reconstruction (Week 3, 4)**
  - Surface reflectance
  - Photometric stereo method
  - Camera Calibration
  - Binocular stereo

Content

- ◆ 3D modelling (Week 5)
  - Visualization of reconstructed results
- ◆ MPEG and Face animation (Week 5, 6)
  - MPEG4 standard
  - Facial animation

People

- ◆ Chia-Yen Chen
  - *yen@cs.auckland.ac.nz*
  - **T**731.330
  - Office Hours:

- ◆ Burkhard Wuensche
  - *burkhard@cs.auckland.ac.nz*
  - **C**303-490
  - Office hours:

- ◆ Class Representative ?

About me

Chia-Yen Chen (Yen)

- ◆ Email: yen@cs.auckland.ac.nz
- ◆ Office: Tamaki Campus, Room 731.330
- ◆ Extension: 88253
- ◆ Office hours: TBA
- ◆ Interests:
  - Computer Vision, in particular, 3D shape reconstruction
  - Image Processing

- ◆ Home page
  - www.cs.auckland.ac.nz/~yen

Resources

- ◆ Course website
  - http://www.cs.auckland.ac.nz/compsci716s2t/
  - Information regarding the course
  - Assignment information
  - Examination information
  - References

Assessment

- ◈ Practical: 40% assignments
  - ▪ 20% from Yen
- ◈ Theory: 60% examination
- ◈ Need to pass both practical and theory to pass the paper