# Reading seminars in 2023

## Fall semester

Book: “Scale: The Universal Laws of Growth, Innovation, Sustainability, and the Pace of Life in Organisms, Cities, Economies, and Companies” by Geoffery West

### Schedule (contact: T. Mizuguchi?)

- Default: 1:30pm - 3:00pm, Wed
- Place: ~~1F Meeting room~~ → Tachibana Kaikan (the building on the south of Koushibou)

| Date | Lecturer | Participants | Contents | Remark |
|---|---|---|---|---|
| Oct 11 | liangz | Wenruo, Rojan, Zhenyu, Mizuguchi | What to learn from learning | |
| ~~Oct 18~~ | ~~Mizuguchi~~ | | | cancelled due to health issue |
| Oct 25 | Mizuguchi | Wenruo, Li-Yang | □□Scaling Power Law and Dimensionless Quantity□ | Chapter1~2 |
| Nov 1 | Zhenyu | Haiyan, Wenruo, Li-Yang, Mizuguchi, Rimsa | | Chapter 3 |
| Nov 8 | Rimsa | Haiyan, Wenruo, Rojan, Li-Yang | | |
| Nov 15 | Rojan | Haiyan, Wenruo, Li-Yang | □ Aging, Decay Law | Chapter 3 |
| Nov 29 | Mizuguchi | Haiyan, Li-Yang, Rojan (late), Rimsa (late) | | Chapter 5 |
| Dec 13 | Rojan | | | changed from Dec 6th |
| Dec 20 | Li-Yang | | | |
| Dec 27 | Wenruo | | | |
| ~~Jan 10~~ | | | | cancelled due to busy schedule |
| ~~Jan 17~~ | | | | 思修館の集い |
| ~~Jan 24~~ | | | | 武者修行□WP成果発表会 |
| ~~Jan 31~~ | | | | cancelled due to busy schedule |

## Spring semester

### Schedule (contact: Zuo, Zhenyu)

- Default: 1:30 - 3:00 pm, Monday
- Room 121-122
- April 17, 24
- May 8, 15, 22, 29
- June 5, 12, 19, 26
- July 3, 10, 24, 31

**Book**

- computer-vision.pdf shared by Zuo Zhenyu

| Date | Presenter | Participants | Contents |
|---|---|---|---|
| April 17 | Zuo Zhenyu | Wenruo; Wenlong; Rimsa; Rojan | Introduction to Computer Vision |
| April 24 | Lv Wenruo | Zuo Zhenyu; Li Wenlong; | Images and imaging operations |
| May 8 (Room 025) | Rojan | Wenruo, Wenlong, Rimsa | The role of thresholding |
| May 17 | Rimsa | Wenruo, Wenlong, Rojan | Edge detection |
| May 22 | Rimsa | Wenruo, Wenlong, Rojan, Li Yanghepu, Zuo Zhenyu | Edge detection (continue) |
| May 29 | Li Yanghepu | Wenruo, Wenlong, Zuo Zhenyu, Rojan, Rimsa | Contour detection, Hough transformation, SIFT |
| June 5 | Zuo Zhenyu | Wenruo, Li Yanghepu, Rojan, Rimsa | Image Stitching |
| June 12 | Rojan | Wenruo, Li Yanghepu, Rimsa, Christopher | Face Detection |
| June 19 | Lv Wenruo | Li yanghepu, Zhenyu, Rojan, Rimsa, Christopher | Image segmentation; Radiometry and Reflectance |
| June 26 | Rojan | Wenruo, Li yanghepu, Rimsa, Christopher | Photometric Stereo |
| July 3 | Zuo Zhenyu | Wenruo, Li yanghepu, Rojan, Christopher, Hu | Optical Flow |
| July 10 | ~~Li Wenlong~~ Li Yanghepu | Wenruo, Li yanghepu, Zhenyu, Rojan, Rimsa, Chris, Hu | appearance matching |
| ~~July 21~~ | | | |
| ~~July 31~~ | | | |

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Last update: **2026/09/20 15:14**