

Web Information System Design

Tatsuya Hagino (hagino@sfc.keio.ac.jp)

Course Summary

- ▶ Understanding the current Web architecture
 - ▶ Web components
 - ▶ Web as document space
 - ▶ Structure of Web documents
 - ▶ Web principles

- ▶ Knowing the future Web
 - ▶ Web as knowledge space
 - ▶ Web of data
 - ▶ Semantic Web

Class Schedule

- ▶ No.1 (4/11) Introduction
- ▶ No.2 (4/18) History of Web
- ▶ No.3 (4/25) Web Document Format
- ▶ No.4 (5/2) Design of Web Documents
- ▶ No.5 (5/9) Programming Web Documents
- ▶ No.6 (5/16) Graphics of Web
- ▶ No.7 (5/23) Accessibility of Web
- ▶ No.8 (5/30) Managing Web Documents
- ▶ No.9 (6/6) Foundation of Web Documents
- ▶ No.10 (6/13) Accessing Web Documents
- ▶ No.11 (6/20) Metadata
- ▶ No.12 (6/27) Open Data and Web
- ▶ No.13 (7/4) Semantic Web
- ▶ No.14 (7/11) Future of Web

Class Format

- ▶ Before class
 - ▶ Read specified materials
- ▶ Class for each topic
 - ▶ Group Discussion
 - ▶ What it is
 - ▶ What is the current status
 - ▶ What is the current problem
 - ▶ Future direction
 - ▶ Class Discussion
 - ▶ Self Summary to SFC-SFS

Example: Electric Mail

- ▶ What is Electric Mail?
- ▶ How it started?
- ▶ How it works?
- ▶ What is good about Electric Mail compared with other related technologies.
- ▶ Is there any problems about Electric Mail?
- ▶ How to solve the problems?
- ▶ Future of Electric Mail