

Lecture in Optical Information Systems, Part 1

1 unit (selection)

Shiro Suyama · PROFESSOR / OPTICAL MATERIALS AND DEVICES, OPTICAL SYSTEMS ENGINEERING, SYSTEMS INNOVATION ENGINEERING, Undecided

Target) Introduction to recent topics on optical information processing.

Outline) This course introduces recent technical information on optical information processing and the required future technology.

Keyword) *infomation photonics, optical computing*

Goal)

1. To understand the recent topics of optical information systems
2. To consider a next generation of optical information systems

Schedule)

1. History of the development of optcail information instruments
2. Recent topics of optical disk systems (1)
3. Recent topics of optical disk systems (2)
4. Recent topics of optical disk systems (3)
5. Recent topics of optical disk systems (4)
6. Recent topics of display systems (1)
7. Recent topics of display systems (2)
8. Recent topics of display systems (3)
9. Recent topics of display systems (4)
10. Recent topics of optical information systems (1)
11. Recent topics of optical information systems (2)
12. Recent topics of optical information systems (3)
13. Recent topics of optical information systems (4)
14. Next generation of optical information systems (1)
15. Next generation of optical information systems (2)

Evaluation Criteria) Report 100%

Contents) <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=216834>

Note) 授業を受ける際には、2時間の授業時間毎に2時間の予習と2時間の復習をしたうえで授業を受けることが、授業の理解と単位取得のために必要である。