Scientific Presentation (tentative)

(Fall Term, 2020)

Common lectures for the School of Multidisciplinary Sciences
SOKENDAI (The Graduate University for Advanced Studies)

2020 Fall Term

Time:
Thursday 16:30-18:00 (5th slot) and / or
Wednesday, 10:45-12:15 (2nd slot)

Place:
NII (National Institute of Informatics, Hitotsubashi):
12F Lecture Room 1 (1212)
(http://www.nii.ac.jp/en/about/access/)
NIPR (National Institute of Polar Research, Tachikawa):
Conference Room 1 (D222)
Small Conference Room (C205)
Seminar Room 4 (D312B)
(http://www.nipr.ac.jp/english/mapsanddirections.html)

In principle, all lectures can be attended at the student's own campus.

Each lecture by Ms. Jones will be given twice, once at each campus – students should attend one lecture from each pair, at the campus of their choice.

Lectures by Informatics teachers and the evaluation sessions will be conducted at NII, with video conferencing to NIPR. However, students are encouraged to attend the lectures at NII, especially when they give their presentation for the evaluations.

All students are expected to attend all initial and final evaluation sessions.

Lecturers:

Prof. Ken Hayami (Department of Informatics)

Vis. Prof. Michael Houle (Department of Informatics)

Assoc. Prof. Megumi Kaneko (Department of Informatics)

Ms. Caryn Jones (ThinkScience & Department of Polar Science)

Assoc. Prof. Stephen Wu (Department of Statistical Science)

Schedule:

No.	Date	Content	Teacher	Place
1.	10/15 (Th)	Robust Writing 1	Houle	NII (NIPR D222)*
2N.	10/21 (W)	Presentation N1	Jones	NII
2T.	10/22 (Th)	Presentation T1	Jones	NIPR D222
3N.	10/28 (W)	Presentation N2	Jones	NII
3T.	10/29 (Th)	Presentation T2	Jones	NIPR D222
4A.	11/04 (W)	Initial Evaluation A	All	NII (NIPR D222)*
4B.	11/05 (Th)	Initial Evaluation B	All	NII (NIPR D222)*
5.	11/12 (Th)	Robust Writing 2	Houle	NII (NIPR D222)*
6.	11/19 (Th)	Robust Writing 3	Houle	NII (NIPR D222)*
7N.	11/25 (W)	Presentation N3	Jones	NII
7T.	11/26 (Th)	Presentation T3	Jones	NIPR D222
8N.	12/02 (W)	Presentation N4	Jones	NII
8T.	12/03 (Th)	Presentation T4	Jones	NIPR D222
8N.	12/09 (W)	Presentation N5	Jones	NII
8T.	12/10 (Th)	Presentation T5	Jones	NIPR D222
10.	12/17 (Th)	Reading 1	Hayami	NII (NIPR D222)*
11.	12/24 (Th)	Reading 2	Hayami	NII (NIPR D222)*
12.	1/07 (Th)	Communication	Kaneko	NII (NIPR D222)*
13N.	1/13 (W)	Presentation N6	Jones	NII
13T.	1/14 (Th)	Presentation T6	Jones	NIPR C205
14N.	1/20 (W)	Presentation N7	Jones	NII
14T.	1/21 (Th)	Presentation T7	Jones	NIPR D312B
15N.	1/27 (W)	Presentation N8	Jones	NII
15T.	1/28 (Th)	Presentation T8	Jones	NIPR D222
16A.	2/03 (W)	Final Evaluation A	All	NII (NIPR D222)*
16B.	2/04 (Th)	Final Evaluation B	All	NII (NIPR D222)*

**Video conferencing between NIPR and NII*

Initial / Final Evaluations:

We will ask you to present on your research or study: 10 minutes presentation targeting a general science audience, plus 5 minutes discussion.

Lecture Details:

(I) Presentation and Communication (8 lectures by Ms. Jones, 1 lecture by Prof. Kaneko):
These lectures provide practical instruction for students to improve their presentation materials and presenting skills. We explore in detail the function, structure, form, and content of scientific presentations, referring to the individual scientific presentations they have made. We discuss how best to convey their research in different settings (e.g., in their research group, at a scientific conference in their field, and to a general science audience). Students also work together to provide feedback and suggestions for improving their scientific presentations.

All classes are interactive. Students actively problem-solve common issues facing presenters and practice all aspects of presenting during the classes.

(II) Robust Writing Strategies (3 lectures by Prof. Houle):
Strategies for scientific writing will be examined with regard to reducing the impact of writing errors on reader comprehension. The students will be asked to read the titles, abstracts and introductions of several real research papers of varying quality, and to critique them in light of organizational principles. Students will be encouraged to supply samples of their own technical writing for analysis by the class.

(III) Reading (2 lectures by Prof. Hayami):
We will read English articles, for example, from Nature or Science.
Each student will be asked to read aloud a paragraph or two in turn, to summarize, and to answer questions related to it. This will be followed by discussions related to the article.