A course description of DHSI 2019 presented by JADH and SIG-CH:

**Course title**

Digital Humanities for Japanese Culture: Resources and Methods

**Requirements for participation**

1. A laptop computer with USB-A and WIFI connection
2. Interests in Japanese studies

**Summative day-by-day overview, given the 5-day DHSI format**

 **\* Each session has the main lecturer, but a part of the session may be given by other lecturers.**

1. Basic information for Japanese digital resources and their situation in academic and social contexts

Morning:

> Lecturers: All lecturers
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> Japanese digital resources have been accumulated by various cultural institutions not only in Japan but also in the world. The activities and the current achievements will be introduced from the viewpoint to leverage for DH. See also: [1] Kiyonori Nagasaki, et al., Digital Humanities in Cultural Areas Using Texts That Lack Word Segmentation, DH2016 conference, Spacing, http://dh2016.adho.org/static/data-copy/263.html .

Afternoon 1:

> Lecturer: Asanobu Kitamoto
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> Introduction to practices, theories and ideas on digital humanities in Japan.

Afternoon 2:

> Lecturers: Satoru Nakamura and others
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> Introduction to IIIF, which has become a key issue in Japanese digital cultural materials.

2. Introduction to textual analysis for Japanese, principles, tools and methods

> Morning&Afternoon:
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> Lecturers: Taizo Yamada and others
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> Due to spread of Unicode, the barrier of character encoding has been almost resolved. But the language which doesn't have word segmentation like Japanese include difficulties to be analyzed. The lecturer will explain theoretical aspects of textual analysis for Japanese texts. After that, some tools for word segmentation and integrated analysis tools will be introduced by hands-on.

3. Introduction to TEI for Japanese resources

Morning & Afternoon:

Lecturers: Kiyonori Nagasaki, Satoru Nakamura and others

While TEI is a key method to share textual resources, it has not yet been spread among researchers for Japanese studies. The lecturers will introduce usage of TEI to the participants who are not familiar with it with the latest achievement of the Special Interest Group of East Asian / Japanese Text in the TEI Consortium.

Following the morning introduction, it will be continued to learn TEI. Participants will try to encode a critical edition of tales of Genji and a corpus of a Japanese modern novel. It will also be treated to connect TEI encoded texts with IIIF contents. After that, they will have an opportunity to discuss and to treat their favorite materials.

4. Introduction to historical GIS with HuTime and other tools

Morning&Afternoon 1:

Lecturers: Tatsuki Sekino and others

Historical GIS is a powerful tool for digital humanities. The lecturer will introduce the basic idea of historical GIS with a useful tool for visualizing temporal information, HuTime (http://www.hutime.org/). After that, some tools for connecting maps, timelines and IIIF contents will be treated. Discussion will be followed.

Afternoon 2:

Lecturer: Yuta Hashimoto

Crowd-sourcing has been a key workflow in recent DH, especially in Japanese materials because Japanese materials have been digitized but not transcribed so much. The lecturer will introduce a crowd-sourcing transcription project that has been successfully conducted in Japanese ancient earthquake documents. Moreover, some tools for crowd-sourcing or collaborative works will be introduced by hands-on.

5. QA and discussion

After summarizing these day's activities and supplementing them, it will have time for a QA between all lecturers and participants. It is expected that participants will ask not only about their own techniques and researches but also about starting and conducting their DH projects to learn from lectures' rich experiences.