

Usage of the OCAMI Reports format

(22 April 2021 version)

1 About OCAMI Reports format

► There are two kinds of formats of OCAMI Reports:

- `OCAMI-Reports-format_PDFLatex` (: PDFLatex ver. Input language: English only)
- `OCAMI-Reports-format_LuaLatex` (: LuaLatex ver. Input language: English & Japanese)

Please choose either format according to the intended use.

► The OCAMI Reports format consists of the following three files:

1. `OCAMI-Reports-format.sty` (a style file)
2. `main.tex` (a TeX file for the organizers)
3. `abstract.tex` (a TeX file for each research presenter)

The `main.tex` requires the style file 1 to be compiled by PDFLaTeX.

The `abstract.tex` requires the both of 1 and 2 to be compiled by PDFLaTeX.

The file `slide_export_sample` can be used to export the slide file to `main.tex` (see Section 2.2.2 for details).

2 Procedure for preparing the OCAMI Reports by organizers

By referring to the Guidelines for making the OCAMI Reports, the organizers of the adopted Joint Usage/Research Project should make the OCAMI Reports in the following way.

2.1 Write the Required Items

Please write the required items in `main.tex`.

► Title of Research Project, and (short) title which appears in the header of the report.

`\newcommand{\titleofRP}{Title of Research Project}`

`\newcommand{\shorttitleofRP}{(Short) Title of Research Project}`

- ▷ Please rewrite the red letters to the corresponding titles.
 - ▶ The names, addresses, and the period of the Research Project
 - ▶ Abstract for the Research Project
 - ▶ Mathematics Subject Classification (2020), Keywords and phrases
 - ▶ Preface
- ▷ The volume of OCAMI Reports and DOI will be assigned by OCAMI. Please leave them as they are.

2.2 The main body(Free format)

- ▷ The format of the main body should be created freely by the research organizer. It is not necessary to use the OCAMI Reports format.

2.2.1 In case of using the OCAMI Reports format to prepare TeX files for abstract by research presenters

1) Send the set of OCAMI format to research presenters and ask them to use `abstract.tex` to make the presentation abstract. (`abstract.tex` requires `OCAMI-Reports-format.sty` and `main.tex` to compile.)

- ▷ The `abstract.tex` can be renamed by each presenter or by the organizers. But do not change the file extension from `.tex`.

2) Add the name of TeX files from research presenters to the end of `main.tex` as follows.

- ▷ Copy the following two lines (in `main.tex`) for each TeX files and rewrite the red letters into the name of TeX file (without the file extension (`.tex`)).

```
\subfile{File-name}
\newpage
```

- ▷ If there are duplicate file names submitted, the organizers should rename them appropriately.

- ▷ In the preamble of `abstract.tex`, there are fields for entering data to be included in the Table of Contents:

```
\addauthorstolist{Author name(s)}
\addtitletolist{Title}
```

Make sure that the red parts are written properly.

3) Compile `main.tex` several times by PDFLaTeX to create a PDF file (`main.pdf`).

2.2.2 In case of using `main.tex` to import PDF files of research presentation slides

By using `main.tex`, the PDF files of the research presentation slides can be added to the PDF file (`main.pdf`).

- ▷ Please prepare a PDF file in A4 size and portrait orientation.
- ▷ For landscape slides created with Beamer or other presentation software, please make the PDF file with two slides lined up vertically by using an appropriate method. (You can use the file `slide_export.tex` to make such a PDF file.)

► How to import PDF

1) Copy the following four lines in `main.tex` for each PDF file, and past to the last part of `main.tex`.

```
\addauthorstolist{Author name(s)}  
\addtitletolist{Title}  
\appendpdf{xxx.pdf}  
\newpage
```

2) Rewrite the red letters appropriately.

▷ The first two lines are the commands for adding the names of the authors and the title to the Table of Contents.

▷ The third line is the command to import the PDF file. Do not omit the file extension `.pdf` for the name of PDF file. Also, the name of the PDF must not include any blank.

3) Compile the `main.tex` several times by PDFLaTeX to create the PDF file (`main.pdf`).

2.2.3 Comments

You can mix the inclusion of TeX files (created from `abstract.tex`) and importing PDF files.

For example, you can write

```
\subfile{TeXfile1}  
\newpage  
  
\addauthorstolist{Author1 and Author2}  
\addtitletolist{Title}
```

```
\appendpdf{xxx.pdf}  
\newpage
```

```
\subfile{TeXfile2}  
\newpage
```

in `main.tex`. They will be added to the table of contents and to the main body in order from top.