

Global BioImaging Virtual Training Platform Overview & Submission Procedure

Virtual Training Platform: background information

[Global BioImaging Virtual Training Platform](#) is a community-driven resource consisting of training and informative material collected and curated by members of the imaging community for the use by anyone interested in imaging and microscopy as well as core facility management.

The existing modules span a wide variety of topics ranging from imaging technologies and instrument operation to data management, image analysis & visualization, and core facility management.

The target audience of the Virtual Training Platform includes both researchers utilizing imaging and microscopy and imaging core facility professionals. Currently, modules are available in 9 thematically different categories:

- Core Facility Operations
- Reporting & Reproducibility in Microscopy
- FAIR Data Principles
- Image Analysis & Visualization
- Image Repositories & Data Management
- Light Microscopy Technologies
- Light Microscope Operation
- Curated Courses & Workshops
- Available Training Resources

Submissions of modules to the Virtual Training Platform to be incorporated into the new or existing categories by interested members of the imaging community are welcomed and encouraged. Hence, a module can be submitted not only to the existing category but a new category can be suggested.

Submission procedure: requested information

As part of the submission procedure to the Virtual Training Platform, the following information is requested as part of the submission form:

- Contact information of the person submitting a module
 - The person will be contacted in case an additional information about a module is required
 - The person will be notified when the submitted module has been incorporated into the Virtual Training Platform
 - The person will serve as a maintainer of the module and will be contacted annually to ensure that the submitted module remains up to date

- Category selection
 - Existing category can be selected or a new category can be suggested
- General information of a module
 - Module title: Must be short and concise.
 - Module description: 2-4 sentences providing an overview of a module.
 - Target audience
 - Select from the following three categories:
 - User
 - Staff
 - User & Staff
 - Difficulty level
 - Select one from the following:
 - Beginner
 - Intermediate
 - Advanced
 - Estimated time of completion
 - Summation of the duration of all of the videos
- Contents of a module
 - This section contains the main content of the module.
 - Select resource type and enter the corresponding content for each resource

What kind of material can be included in the Virtual Training Platform?

The material incorporated into a module must be publicly available.

The following resources can be used to create a module:

- **Video (web link)**
 - Provide a web link to a video hosted online (e.g. YouTube)
- **PDF (web link)**
 - Provide a web link to a PDF document hosted online
- **PDF (file)**
 - Provide a PDF document that will be uploaded directly to the Virtual Training Platform
- **Custom text**
 - Add formatted text, including bold and/or italic formatting, ordered and unordered lists, and embedded hyperlinks
- **Web link (external)**
 - Provide a web link to a material hosted on external website

It is recommended to explore the existing modules on the Virtual Training Platform to see examples of the available module formats and content.

Curation as the added value of the Virtual Training Platform

Curation is the process of carefully selecting, organizing, and presenting content and resources to enhance the end user's understanding. Curation is **mandatory** for each module.

Curation is achieved by providing detailed descriptions of resources and including additional information that supports the learning experience.

Examples of curation include:

- Listing prerequisite reading materials
- Providing a catalog of topics covered in a video
- Suggesting further reading materials
- Including web links of external resources that complement the module
- Including web links of external courses that complement the module

Acknowledgements

Acknowledgment is achieved by:

- Individually recognizing presenters by providing their full name and affiliation
- Acknowledging the material displayed in the module under the Source Material section
- Recognizing the contributors of a module in the Module Contributors section