



AIC Imaging Working Group and Imaging Wiki

Zoom Meeting – October 6, 2020

American Institute for Conservation (AIC)

<https://www.culturalheritage.org/>

The American Institute for Conservation (AIC) is the leading membership association for current and aspiring conservators and allied professionals who preserve and protect cultural heritage and monuments.

We represent more than 3,500 individuals in more than forty countries around the world working in the domains of science, engineering, art, archives, and history through treatment, research, collections care, education, and more. All of them have the same goal: preserve our cultural heritage so we can learn from it today and appreciate it in the future.

Groups & Networks:

Archaeological Discussion Group

Architecture Specialty Group

Book & Paper Group

Collection Care Network

Conservators in Private Practice Group

Contemporary Art Network

Electronic Media Group

Emerging Conservation Professionals Network

Health & Safety Network

Objects Specialty Group

Paintings Specialty Group

Photographic Materials Group

Research and Technical Studies Group

Textile Specialty Group

Wooden Artifacts Group

AIC Wiki

•AIC maintains a conservation wiki (http://www.conservation-wiki.com/wiki/Main_Page) that includes working knowledge on materials and techniques used to preserve and treat works of art and historic artifacts.

Imaging and Conservation

- Imaging, as part of documentation, is essential to the ethical practice of conservation.
- Imaging is a dynamic part of the treatment process, facilitating a better understanding the object as a whole, providing evaluation to help refining treatment process, and allowing us to monitor the impacts and outcomes of conservation interventions.
- In addition to communicating the visual appearance of heritage materials before, during and after treatment, imaging technologies are used for detection and monitoring of changes in the condition, quantitative measurement, and scientific characterization, etc.
- Imaging is now a part of investigation, discovery and the collection of verifiable, systematic knowledge about an object.

Panel Discussion on Imaging during 2019 AIC Annual Meeting



AIC Imaging Working Group (IWG)

Purpose

The AIC Imaging Working Group is an organizational acknowledgement that imaging is important to the ethical and evolving practice of conservation. It was established to develop a professional basis to support conservators with information regarding the growing number of imaging technologies, applications and practices.

Its purpose is to:

- Support the conservation community in imaging-related topics and endeavors by increasing communication and encouraging cross-disciplinary collaboration;
- Identify and address, through sustainable collaboration, the challenges that conservators encounter related to imaging resources, practices and objectives;
- Encourage a consistently high level of conservation imaging by providing resources, solutions, and community through testing, training and standardization.

AIC Imaging Working Group (IWG)

Standing Charge

- Identify and build a network of conservation professionals interested in identifying and addressing imaging challenges.
- Establish an on-line, universally accessible platform that encourages participants to share and discuss imaging resources and solutions.
- Develop opportunities for professional and cross-disciplinary exchange, including workshops and webinars.
- Match imaging topics with interested investigators within the working group participants and encourage collaborations to research, evaluate and share imaging related topics and practices.
- Conduct round robin testing to evaluate workflows, targets, calibration standards, etc.
- Recommend image capture, processing and archiving approaches that support broad adoption, scientific validity, sharing and standardization.
- Develop, describe and promote shared imaging standards and best practices both within conservation and across the cultural heritage domain more broadly.
- Work with related groups worldwide to develop common standards, vocabularies and competencies.

AIC Imaging Working Group (IWG) Leadership Team



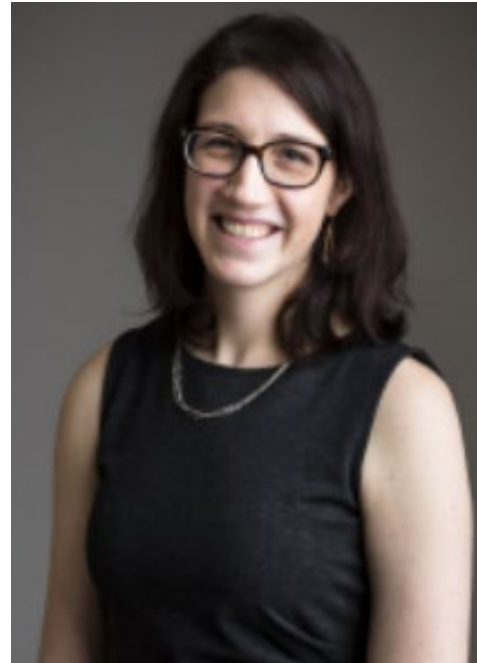
Jiuhan Jiuhan Chen
Associate Professor
SUNY Buffalo State



Dawn Kriss
Associate Conservator
The Met



Dale Kronkright
Head of Conservation
Georgia O'Keeffe Museum



Anna Serotta
Associate Conservator
The Met



E. Keats Webb
Imaging Scientist
Smithsonian's MCI

Imaging Wiki <http://www.conservation-wiki.com/wiki/Imaging>

An on-line, universally accessible platform that encourages participants to share and discuss imaging resources and solutions.

AIC Wiki: AIC maintains a conservation wiki (<http://www.conservation-wiki.com/>) that includes working knowledge on materials and techniques used to preserve and treat works of art and historic artifacts.

The Imaging Wiki will build on our Standing Charge:

- Build a network/community around imaging to support conservation
- Develop opportunities for cross-disciplinary exchange
- Matching imaging topics with interested investigators and participants for collaborative research, evaluation and sharing of imaging related topics and practices (workflows, targets, calibration standards, etc.)
- Provide resources for image capture, processing and archiving approaches that support broad adoption, scientific validity, sharing and standardization
- Develop, describe and promote shared imaging standards and best practices both within conservation and across the cultural heritage domain more broadly
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Category:Imaging

(Redirected from [Imaging](#))

Imaging

THIS ENTRY IS A DRAFT

Please be patient, this part of the site is under development. It is the start of a page focusing on imaging for documentation, research, and fun in conservation!

AIC Imaging Working Group [\[edit\]](#)

The **AIC Imaging Working Group (IWG)** was established in the Spring of 2020 in recognition that imaging is important to the ethical and evolving practice of conservation and to develop a professional basis to support conservators with information regarding the growing number of imaging technologies, applications and practices. The IWG is partnered with the [AIC Research and Technical Studies \(RATS\) Specialty Group](#).

The working group's purpose is to:

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IWG Organizing Team : [Juan Juan Chen](#), Dawn Kriss, [Dale Kronkright](#), Anna Serotta and [E. Keats Webb](#).

Imaging Wiki [\[edit\]](#)

The presence of the IWG on the AIC Wiki aims to establish an online, universally accessible platform that encourages participants to share and discuss imaging resources, projects and solutions. The Wiki is intended to be a dynamic resource for the community. Like all wikis, the site's contents are collaborative and dynamic works-in-progress. You can:

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- 1 [AIC Imaging Working Group](#)
- 2 [Imaging Wiki](#)
- 3 [Imaging Techniques](#)
- 4 [Functions of Imaging](#)
- 5 [Community Resources](#)
- 6 [Community Projects](#)
- 7 [Interpretation of Results](#)

 Wiki
A Collaborative Knowledge Resource

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Category:Imaging

(Redirected from Imaging)

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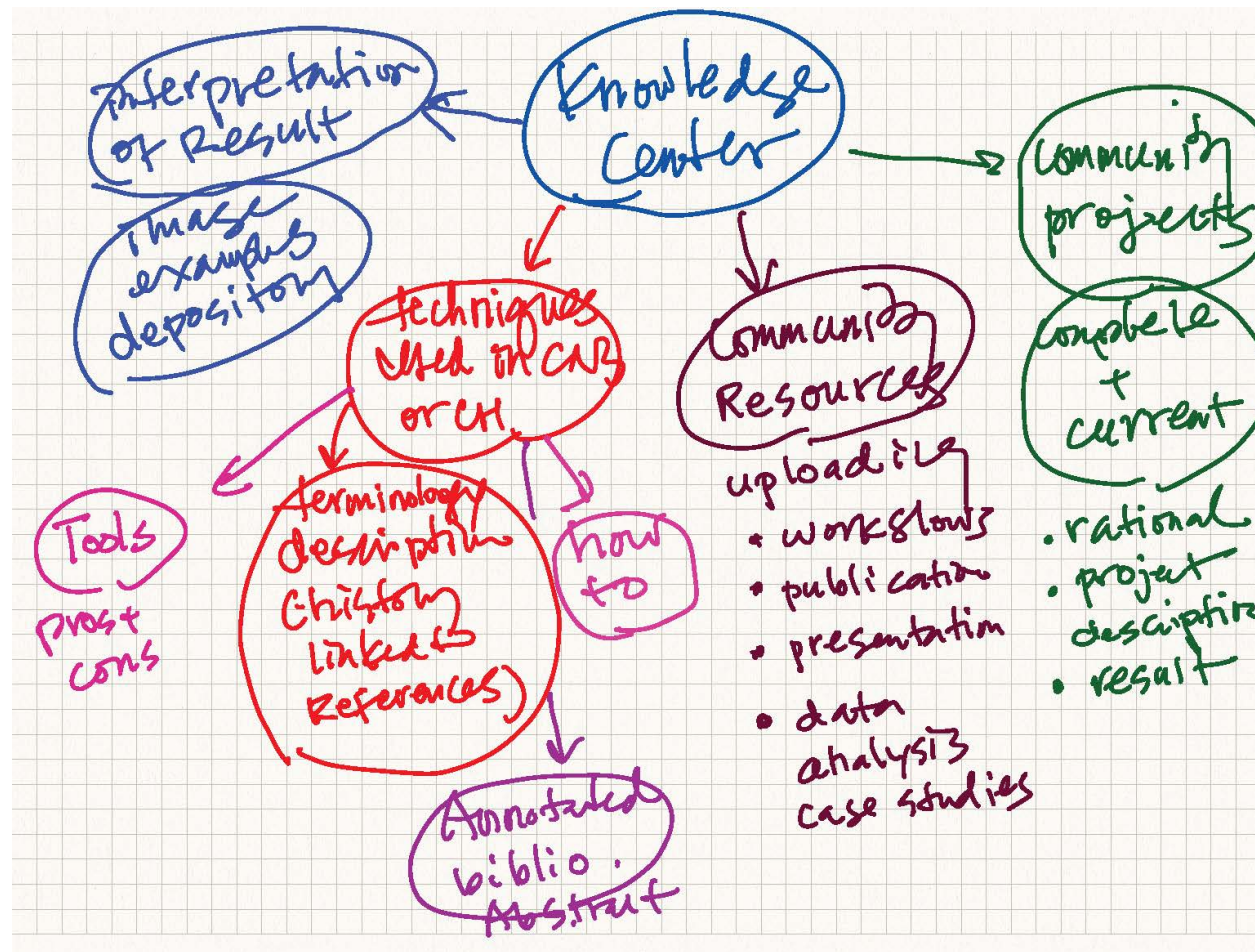
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This is a community project, and we need the community to help!

Imaging Wiki

<http://www.conservation-wiki.com/wiki/Imaging>

- Imaging Techniques
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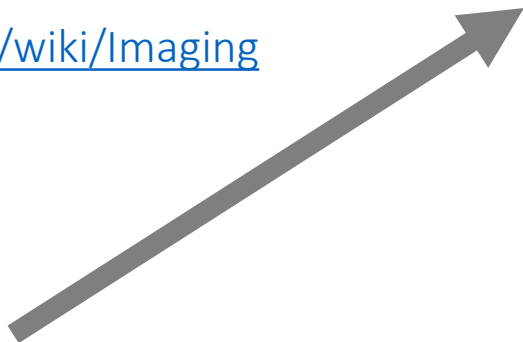
This section will focus on specific imaging techniques for conservation and cultural heritage documentation including:

- Terminology,
- Applications
- Tools
- Workflows
- Bibliographies

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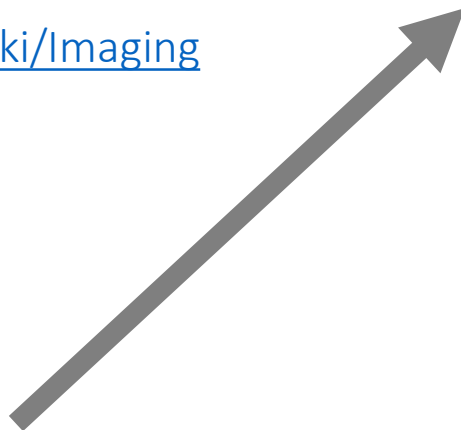
This section explores the functions of imaging into five categories (Visual representation, detection of change, characterization, quantification, interpretation) in order to :

- Help conservation professionals better define the goal(s) of their imaging work
- Track the development of relevant imaging techniques in other fields
- Encourage an ongoing dialogue around the precision, validity, reliability, relevance, accessibility and long-term usability of evolving imaging technologies.

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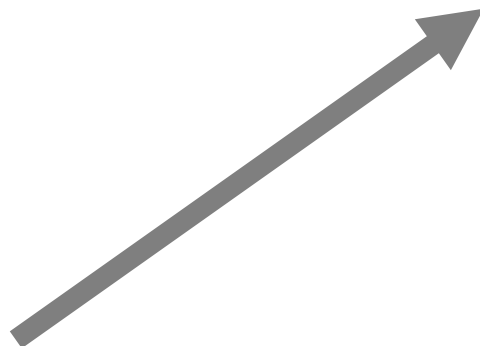
Community Resources will pull together **existing documents and resources** related to imaging for sharing within the community. These will include:

- Workflows
- Best practices and standards
- Presentations
- Publications
- Data analysis case studies
- Equipment resources

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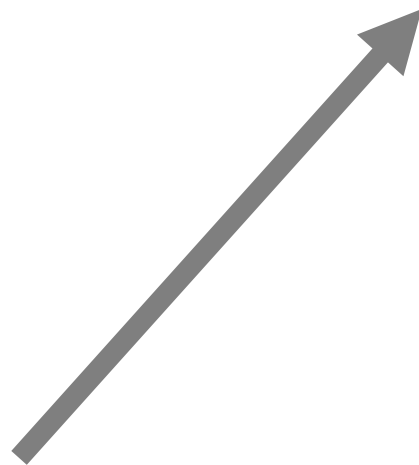
The IWG aims to encourage **active collaboration** to conduct projects evaluating workflows, targets, and calibration standards.

This area of the Wiki will list and link to **ongoing projects** that are being actively investigated to address imaging challenges and resolve issues within the community.

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This section of the Wiki is intended to be a resource **for examples of interpreted imaging results** which can be used to evaluate and interpret one's own results.

This includes an image repository with concise metadata, annotations and provenance information, and is organized by techniques and materials, if possible.

Help:IWG Contributors' Toolbox

IWG Contributors' Toolbox

Imaging > IWG Contributors' Toolbox

Welcome to the IWG Imaging Wiki Contributors' Toolbox. This page aims to provide information and resources for those interested in contributing to the Imaging Wiki.

Contents [hide]

- 1 Ways to Get Involved
- 2 Community Guidelines
- 3 Images and Videos in the IWG Imaging Wiki
- 4 Useful "How-to" Pages

Ways to Get Involved [edit]

Join the AIC IWG

We envision that the IWG will be made up of small topic groups that will be collaborating to contribute to the Imaging Wiki by gathering and publishing information focused on specific topics and subtopics. These groups will have leads who will act as the team publisher to get the group's content on the Wiki. That means you do not necessarily have to edit the Wiki to contribute.

There will be an initial interest meeting on October 6, 2020 for contribution to the Imaging Wiki. However, if you miss that meeting but you are interested in getting involved, contact the IWG team at AIC.ImagingWG@gmail.com and we can get you connected with a team and ongoing project.

Join a Topic/Project Group

There will be small task groups working in teams on specific topics, subtopics, and projects. The [Help:IWG Help Wanted](#) page will include a list of ongoing projects that are seeking participation and contribution. You can also contact the IWG team AIC.ImagingWG@gmail.com about ongoing projects.

Become a Team Lead

Team leads will be needed for the small topic groups working on specific content. These team leads will connect the groups with the IWG leadership team, facilitate group meetings and group progress for researching/gathering/developing of the content for the Wiki. They can choose to upload content to the Wiki themselves or coordinate with a Wiki editor to ensure that the group's contributions are published.

Team leads should be experienced in the topic area or driven to lead the research and development of a topic. They should be willing and able to take on more responsibility for communication, organization, and progress for the task group. If necessary, topics and projects can also have co-leads.

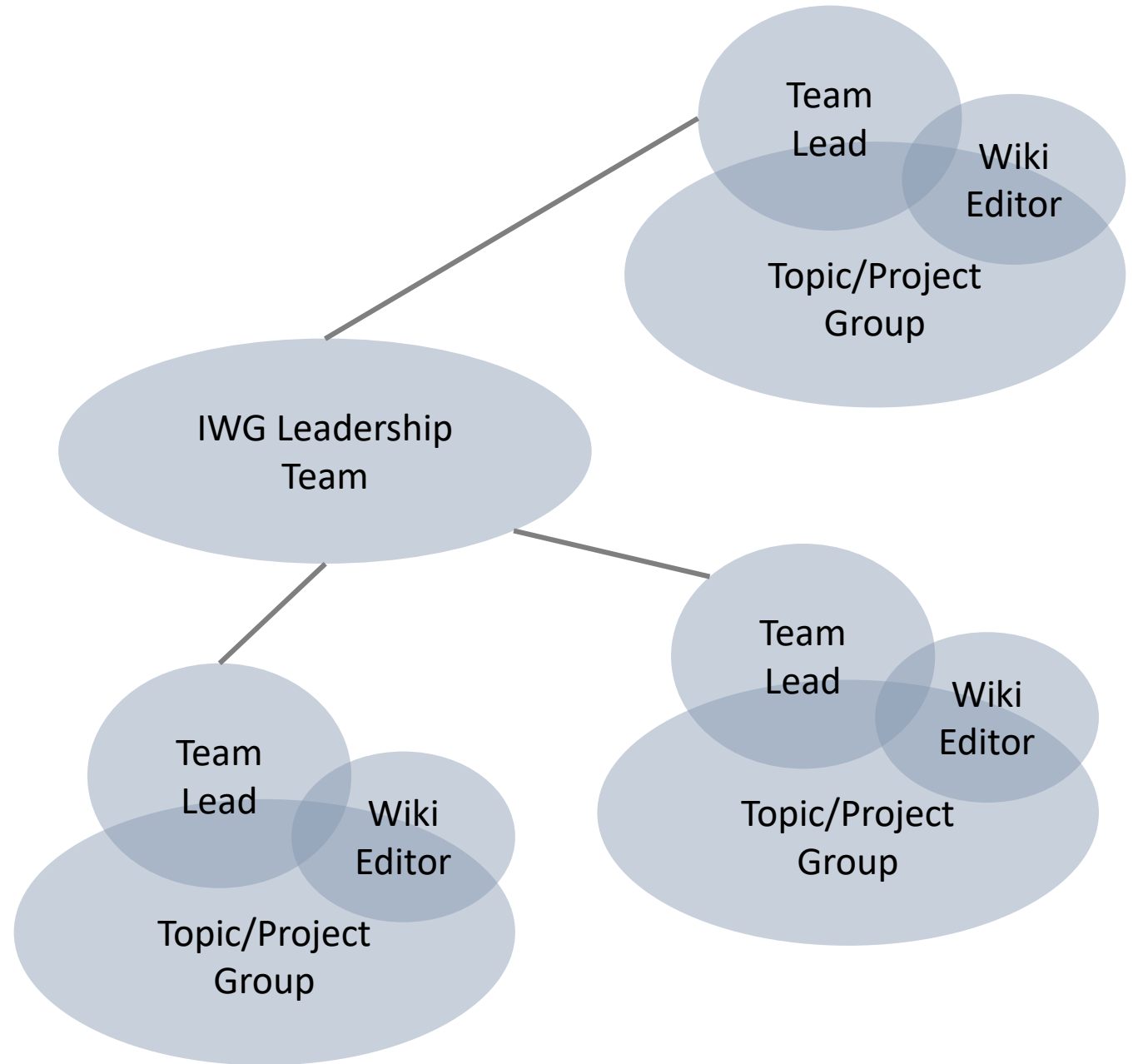
Do you have a topic that you want to focus on and lead the development of for inclusion on the Wiki? If so, please contact the IWG leadership team AIC.ImagingWG@gmail.com.

Become a Wiki Editor

If you would like to edit the Wiki, contact the IWG leadership team AIC.ImagingWG@gmail.com and include a message about your level of experience with Wiki editing and the area(s) of interest in publishing and participating with. We can help you get registered with the [AIC e-Editor](#) and get on the [AIC-Wiki listserv](#). To become a wiki editor, you must either be familiar with wiki editing or [watch the training video here](#).

Explore the guidelines for creating and maintaining pages. Resources include the [AIC-Wiki Resources](#) page and the more general [AIC Wiki User Guidelines](#).

A great way to learn the MediaWiki software is to create and edit your User page.





Conservation Documentation

Record Condition, Inform Care,
and Increase Understanding

Scientific Imaging

Measurement and
Material Characterization

Collections Photography

Exhibition and Catalogue

Thank you!