

AIC Imaging Working Group and Imaging Wiki Meeting with Team Leads & Wiki Editors

Tuesday, November 17, 2020

Meeting Aims

- Pair team leads and wiki editors with topic groups
- Share guidelines, expectations and responsibilities for team leads and wiki editors
- Prepare team leads for initial meeting with topic groups in January

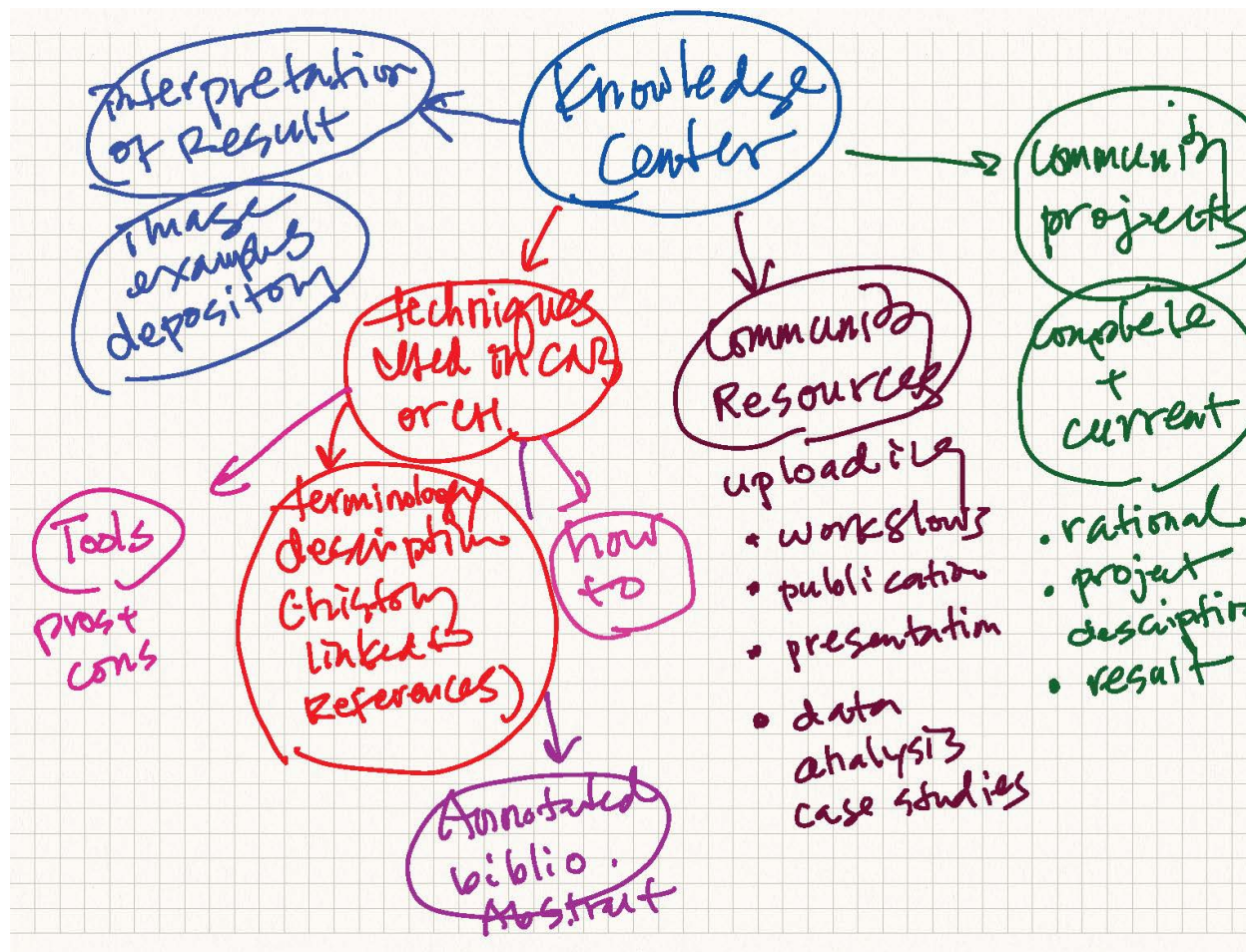
Meeting Overview

- Team Leads and Wiki Editors Topic Group Pairings (15 min)
- Guidelines, Expectations, and Responsibilities (15 min)
- Questions (10 min)
- Next Steps (5 min)

Imaging Wiki

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

- Imaging Techniques
- Functions of Imaging
- Community Resources
- Community Projects
- Interpretation of Results





Imaging Wiki

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- Imaging Techniques
- Functions of Imaging
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- Interpretation of Results



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

- Terminology
- Applications
- Tools
- Workflows
- Bibliographies



Initial Topic Groups:

- VIS
- X-Ray
- IR
- UV
- False Color Processing
- RTI
- 3D



Topic Group Pairings

VIS

- Team Leads: Stephanie Cashman, Mark Coulbourne, John ffrench
- Wiki Editors: Maggie Downing, Leah Humenuck

IR

- Team Leads: Adam Neese, Megan Salas, Germain Wiseman
- Wiki Editors: Lucia Elledge, Shan Kuang, Silvia Russo

UV

- Team Leads: Dennis Baltuskonis, Jennifer McGlinchey Sexton, Yosi Pozeilov
- Wiki Editors: Jan Cutajar, Gwenanne Edwards, Chantal Stein

False Color Processing

- Team Leads: Joseph Campbell, David Laine
- Wiki Editors: Camilla Perondi, Amalia Siatou

RTI

- Team Leads: Emily Frank, Bruno Vandermeulen
- Wiki Editors: Christopher Ciccone, Carrie Roberts, Jessica Walthew

3D

- Team Leads: Brinker Ferguson, Zarah Walsh-Korb, Yi Yang
- Wiki Editors: Amy McCrory, Roxanne Radpour, Charles Walbridge

X-Ray

- Team Leads: Andrew Bruce, Aaron Steele
- Wiki Editors: James Craven, Gina Watkinson

IWG Standards Liaison

- Scott Geffert

Guidelines, Expectations, and Responsibilities

- What is needed for the wiki?
- Responsibilities as Team Leads
- Responsibilities as Wiki Editors
- Recommendations for preparing for initial meeting
- What do you need from us (IWG leadership team)?

What is needed for the Wiki?

- Definitions of technique
- Outcomes/output of technique
- Terminology
- Workflows
- Equipment
- Bibliography and resources
- Interpretation

Wiki Kwebb Talk Preferences Watchlist Contributions Log out

A Collaborative Knowledge Resource Search

Navigation - Speciality Groups - Content Areas -

Page Discussion Edit History Delete Move Protect Unwatch

Infrared radiation imaging

Infrared radiation imaging

Imaging > Imaging Techniques > Infrared radiation imaging

In progress: Seeking additional comments and images to develop this section

Please be patient, this part of the site is under development. We are starting to build out the imaging Wiki.

Brief intro to infrared imaging ----

Wiki Team Lead: your name could be here
Wiki Editor: E. Keats Webb "your name could be here"
Wiki Contributors: E. Keats Webb "your name could be here"

Contents <small>[hide]</small>
1 Infrared Imaging
1.1 History
1.2 Infrared regions and sensitivity of cameras and imagers
1.3 Terminology
1.4 References and resources
2 Infrared Techniques
2.1 Reflected Infrared Imaging
2.2 Transmitted Infrared Imaging
2.3 Infrared Reflectography (IRR)
2.4 Visible-induced Infrared Luminescence (VIL)

Infrared Imaging [edit]

History [edit]

- Section 6.4.1 of the "AIC Guide to Digital Photography and Conservation Documentation" (Warda et al. 2017, pp. 130-131) presents the history of infrared photography.

Infrared regions and sensitivity of cameras and imagers [edit]

- Section 6.4.2 of the "AIC Guide to Digital Photography and Conservation Documentation" (Warda et al. 2017, p. 131) discusses infrared regions and sensitivity of cameras and imagers. Table 7 provides a summary of these regions, the wavelength ranges, and corresponding recording medium or sensor type.

Terminology [edit]

The following definitions are from Section 6.4.3 of the "AIC Guide to Digital Photography and Conservation Documentation" (Warda et al. 2017, pp. 131-132):

- Reflected infrared digital photography* (or a *reflected infrared digital photograph*): Imaging or images made in the 700-1000 nm range and thus are within the abilities of digital cameras
- Infrared reflectography* (or an *infrared reflectogram*): Imaging or images made in the 1000-2500 nm range and thus are within the ability of typical electronic infrared imagers
- Transmitted infrared digital photography* (or an *infrared digital photograph*): Imaging or images made in the 700-1000 nm range and thus are within the abilities of digital cameras

References and resources [edit]

More references and resources to come...

- Dyer, J., Verri, G., Cupitt, J., 2013. Multispectral Imaging in Reflectance and Photo-induced Luminescence modes: A User Manual.
- Warda, Jeffrey, Franziska Frey, Dawn Heller, Dan Kushel, Timothy Vitale, and Gawain Weaver. 2017. "Infrared Photography." In The AIC Guide to Digital Photography and Conservation Documentation, edited by J. Warda, 3rd ed, 130-47. American Institute for Conservation.

Infrared Techniques [edit]

Reflected Infrared Imaging [edit]

Transmitted Infrared Imaging [edit]

Infrared Reflectography (IRR) [edit]

Visible-induced Infrared Luminescence (VIL) [edit]

Categories: Imaging | Infrared | Imaging Techniques

Infrared radiation imaging

Brief introduction to infrared imaging...

- Infrared Imaging
 - History
 - Infrared regions and sensitivity of cameras and imagers
 - Terminology
 - References and resources
- Infrared Techniques
 - Reflected Infrared Imaging
 - Transmitted Infrared Imaging
 - Infrared Reflectography (IRR)
 - Visible-induced Infrared Luminescence (VIL)

http://www.conservation-wiki.com/wiki/Infrared_radiation_imaging

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Search

IC
A Collaborative Knowledge Resource

Navigation - Specialty Groups - Content Areas -

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Reflected Infrared Imaging

Reflected Infrared Imaging

Imaging > Imaging Techniques > Infrared techniques > Reflected Infrared Imaging

In progress: Seeking additional comments and images to develop this section

Please be patient, this part of the site is under development.

Description of technique ...

- Applications info and touching on Functions of Imaging

Wiki Team Lead: your name could be here
Wiki Editor: "your name could be here"
Wiki Contributors: "your name could be here"

Contents <small>(hide)</small>
1 Equipment
2 How To
3 Image File Management
4 Examples/Case Studies
5 References and Resources

Equipment (edit)

- Camera
- Lens
- Radiation
- Targets
- Filtration
- Software

How To (edit)

- Setup
- Image capture and processing
- Workflows (links Community Resources)

Image File Management (edit)

- Metadata
- File format

Examples/Case Studies (edit)

This section will link to Community Resources.

References and Resources (edit)

This section will include publications and presentations related to Reflected IR imaging...

Reflected Infrared Imaging

Description of technique ...

- *Applications info and touching on Functions of Imaging*
- **Equipment**
 - Camera, lens, radiation, targets, filtration, software
- **How To**
 - Setup, image capture and processing, workflows (links to Community Resources)
- **Imaging File Management**
 - Metadata, file format
- **Examples/Case Studies**
 - This section will link to Community Resources
- **References and Resources**
 - This section will include publications and presentations related to Reflected IR imaging ...

http://www.conservation-wiki.com/wiki/Reflected_Infrared_Imaging

Responsibilities as Team Leads

- Set timeline and goals for group
 - Regular meetings and communication with group
 - Deadlines for tasks/outputs and communication
- Schedule regular group meetings
 - Set agenda for every meeting (Strongly recommended!)
 - End meeting with lists of tasks, actions and assignments
- Lead the building of content and structure for topic pages
- Work with Wiki Editors to publish content
- Communicate with IWG Leadership Team
 - Regular updates and needed support
 - Identified areas of overlap with other topic groups
 - Identified challenges with wiki and structure



Responsibilities as Wiki Editors

- Training, best practices, and keeping up with AIC style guidelines
 - AIC Training and Resources:
 - AIC Wiki User Guidelines: http://www.conservation-wiki.com/wiki/AIC-CC_User_Guidelines
 - AIC Wiki Training Video (YouTube) (1hr21m): <https://youtu.be/T2NKBOLNtw4>
 - Additional Resources: http://www.conservation-wiki.com/wiki/Main_Page#Getting_Started
 - January meeting with AIC e-Editor for live training to focus on specific questions following training video
- Set deadlines for tasks/outputs for publication
- Meet with other Wiki Editors to maintain standardized look and presentation
- Communicate with Topic Team Leads
- Communicate with IWG Leadership Team



This is a Community Project!

AIC Online Community: Rules and Etiquette

<https://community.culturalheritage.org/termsandconditions>

The Rules

- **Respect others.** Focus on the content of posts and not on the people making them. Please extend the benefit of the doubt to newer community members. We want to make this a welcoming community where all visitors feel free to seek knowledge. If you have concerns about the content being posted or advice being given by a member of the community, please reach out to the moderator.
- **Respect the purpose of the community.** Use the community to share successes, challenges, constructive feedback, questions, and goals instead of products or services that you provide. If you've found a product or service helpful, you can share that information, but the community is not a forum for advertisements.
- **Use caution when discussing products.** Information posted on the discussion groups and in the libraries is available for all to see, and comments are subject to libel, slander, and antitrust laws.
- **All defamatory, abusive, profane, threatening, offensive, or illegal materials are strictly prohibited.** Harassment of any community member will not be tolerated.
- **Respect intellectual property.** Post content that you have personally created or have permission to use and have properly attributed to the content creator.
- **Indicate permissions on shared resources.** When posting items in this collaborative environment, please indicate if the item is not available for reuse. It's also advisable to contact the owner of any material if you would like to reuse it.
- **Post your message or documents only to the most appropriate communities.** This helps ensure all messages receive the best response by eliminating "noise."



This is a Community Project!

- Respect others
 - We need to acknowledge and respect that people are volunteering their time and expertise (leads, editors and members).
- Communication is key!
 - If you can't get something done, let someone know. Or let someone know it might take a little longer.
 - If you need help, speak up!
 - Communication and regular updates can keep things moving along
- Patience is essential
- Gratitude goes a long way
- Member engagement and retention
 - Make members feel welcome and valued
 - Help topic group understand the goals
 - Giving support, encouraging good work; Saying thank you and recognizing efforts/contributions



Preparing for Initial Group Meeting

- Goals for meeting
 - Gather who is interested in participating
 - Discuss different aspects of the topic (imaging technique) and the required information for the Wiki
 - Assign initial tasks – likely gathering initial materials and resources
 - Establish next steps for gathering information and developing Wiki
- Consider timeline for the topic group and scheduling of meetings
- Consider means of communication with topic group and meeting platform
 - Meeting Platforms: Zoom, Teams, GoogleMeet, Skype
 - Communication Tools: Email, Slack, GoogleDocs
- Consider first steps for gathering information and developing the wiki
- Create agenda for meeting



Questions?



Next Steps

- Initial Topic Group Meetings in January
 - IWG Leadership team will organize and host these meetings via Zoom
 - Topic Groups will meet in breakout session
- Team Leads
 - Prep for January Meeting (Slide 12 and 16)
- Wiki Editors
 - AIC Training and Resources:
 - AIC Wiki User Guidelines: http://www.conservation-wiki.com/wiki/AIC-CC_User_Guidelines
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