

Report of CIPA Symposium 2023

# Impressive

2023

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Vol. 1



# First Day in Florence

It's my first time going to Europe, especially to Florence, Italy. I traveled all the way from Indonesia to Italy, starting from Jakarta to Abu Dhabi, then Abu Dhabi to Milan, and finally taking the high-speed Italo train from Milan to Florence. Riding the high-speed train was also a first for me, so I was **incredibly excited during the journey to the CIPA Symposium 2023.**



Arrived in Florence, I immediately joined the workshop titled **"Web-based sharing, utilization, and management of 3D point clouds: From straightforward viewers to complicated platforms to online 3D information systems"** presented by Francesco Fassi. Even though I was 15 minutes late and dealing with jet lag during the workshop, I managed to fully participate.

The workshop provided valuable insights for my ongoing PhD research because most of the presentations showcased applications that can be used to visualize point clouds or 3D models, making them more accessible to a wider audience. The participants were given access to use the point cloud data in the applications demonstrated by the speakers.



# Opening Ceremony



The opening ceremony of the **CIPA Symposium 2023** took place on **June 26, 2023**. It was held at Palazzo Vecchio - Piazza della Signoria. Before reaching the venue, I had the opportunity to visit Basilica Santa Maria Novella, which was built from the 9th to the 14th centuries. When I first saw the façade, it had a geometric design reminiscent of Middle Eastern mosques. **It was my first time seeing such breathtaking paintings.** The artwork made me believe that humans always offer their best to their Gods. On my way to the opening ceremony venue, I passed by Cattedrale Santa Maria Del Fiore, and I was truly amazed by the building that has been standing since 1296.

Upon arriving at Palazzo Vecchio, my admiration for the creators of paintings resurfaced. The room used for the opening ceremony was incredibly impressive, and I could not stop feeling grateful for being able to appreciate this extraordinary artwork. The opening ceremony began with speeches from various stakeholders, and I was quite surprised when **the President of ISPRS, Dr. Lena Halounova**, delivered her remarks. It turned out that the travel grant certificates from The ISPRS Foundation were awarded during the opening ceremony. **I felt honored to receive international recognition in front of those who contribute to the world of cultural heritage.**



Next came the presentation session by the keynote speakers, **Claudio Margottini and Mario Santana Quintero**. With my research background in **Geodesy, Geology, and Archaeology**, I gained a lot of insights for my future research after watching Claudio Margottini's presentation. Cultural heritage sites closely related to geological structures were observed using remote sensing technology, and from the data gathered, diagnosis, monitoring, and conservation efforts could be carried out. I realized that I could approach my research on prehistoric caves in a similar way to what Claudio Margottini demonstrated.

# Digital Performance

In the evening, I had the opportunity to watch a digital performance titled "**Il Fregio Del Ceppo**." This digital performance was a collaboration between performing arts directed by **Pietro Bartolini** and digital models created by **GeCO Lab (DICEA-UNIFI)** led by **Grazia Tucci**. The performance was conducted in Italian, so I didn't fully understand the content of the performing arts. Nevertheless, I thoroughly enjoyed how the initially lifeless 3D models came to life through the magic of performing arts.



# Technical Session

The technical sessions took place from June 27th to June 30th, 2023, at the University of Florence - Morgagni Teaching Center. I had my presentation scheduled for June 27th, from 4:40 PM to 5:50 PM, on the topic of Laser Scanning and Mobile Mapping for Cultural Heritage Digitization. I presented a paper titled **"Exploring the Potential of Terrestrial Laser Scanning for Cultural Heritage Preservation: A Study at Barong Cave in West Java, Indonesia."** This research is part of my ongoing PhD studies, and it involved creating a 3D model of Barong Cave and utilizing intensity data to enhance the images on the cave walls. The presentation session lasted for 6 minutes and went smoothly. The moderator asked about the future direction of the research and how it compares to other technologies.

I also attended other sessions, such as Virtual, Augmented, and Extended Reality and Cultural Heritage 3D Reproduction; Digital Heritage Diagnostic and Preservation; HBIM for Built Heritage; Artificial Intelligence and Documentation of Cultural Heritage; Social Data Management and 3D Documentation for Intangible Heritage; and GIS, WebGIS, Sharing Information and 3D Data. **These technical sessions provided me with many ideas for future research development and possibilities for collaboration with other researchers.**





# Enjoyable Experience

The last enjoyable experience of the conference was the gala dinner held at Palazzo Borghese. I was mesmerized by the 15th-century building, which exuded luxury and grandeur. During this event, **I had the opportunity to discuss with fellow participants from various parts of the world.** The most enjoyable part was the traditional Italian music that brought everyone at the gala dinner together. Almost all the participants joined in the dancing and festivities. There were no barriers of age or ethnicity; everyone celebrated joyously through music.



"The CIPA Symposium 2023 became an unforgettable experience for me."

I want to express my gratitude to The ISPRS Foundation for the support provided to young researchers worldwide.







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