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Promoting Sustainable Practices for Digitalizing Indigenous Cultural Heritage - Global North and South Juxtaposed

Human-Computer Interaction – INTERACT 2023 19th IFIP TC13 International Conference, August 28 – September 1, 2023. York, UK and (Online).

Presenter: Amna Qureshi



LAPIN YLIOPISTO
UNIVERSITY OF LAPLAND
For the North – For the World

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PROJECT MANAGEMENT

Three Faculties From the **University of Lapland**

Faculty of Art & Design

Faculty of Law

Faculty of Education

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September 1, 2022 → December 31, 2024.

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PROJECT INTRODUCTION

- TRUST strengthens research in the Global North and South by concentrating on interdisciplinary groups processing practices for digitalising Indigenous cultural heritage (CH).
- To navigate the legal and cultural tensions existing with the processes of digitalising Indigenous CH in an ethical way
- Current legal frameworks, such as IPR, that do not fully consider the ethical principles that are crucial to Indigenous People.
- The project applies educational methods and research to enable the integration of the views of marginalised groups in law and develops socially innovative tools of engagement to promote knowledge co-creation amongst the stakeholders.

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PROJECT OBJECTIVE

- To digitize the traditional and digital-born cultural assets, so the value of Indigenous Peoples' heritage materials can be fully recognized and promoted
- To boost economies and create opportunities for Indigenous communities to digitize their cultural heritage
- To preserve cultural heritage by involving key stakeholders in the digitalization process (*GLAM sectors - Galleries, Libraries, Archives and Museums*)
- Case studies from Finland with Indigenous Sámi people and in South Australia with Aboriginal groups

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PROJECT RQs

1. How can we improve legal structures to better represent Indigenous peoples and stakeholders in digitizing cultural heritage? What steps can we take for more inclusive solutions?
2. How can educational tools be used to gather community perceptions of cultural heritage, and how can these insights inform legal and policy reforms?
3. How can we involve stakeholders in creating fair digital legal frameworks for Indigenous CH through ABMs and education?

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METHODS

- Mixed-method research strategy
- Participatory action research (PAR)
- Creative research methods enhanced by digital approaches

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CASE STUDY

The Intersection of Human-Computer Interaction (HCI) and Indigenous Artmaking in Living Cultural Heritage (LCH)

Authors: Melanie Sarantou; Amna Qureshi; [Sherrie Jones](#) and [Serena Gunter](#)

Interact Conference (Aug 2023)

Conference proceedings (Springer - Position paper)

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CASE STUDY



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CASE STUDY



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CASE STUDY



Meeting the Indigenous community

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Meeting the Indigenous community

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WORKSHOP

Utilising personal digital devices to document artmaking processes



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WORKSHOP



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WORKSHOP

Risk of exposure and misuse of Indigenous Cultural Intellectual Property (ICIP)



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Risk of exposure and misuse of Indigenous Cultural Intellectual Property (ICIP)



Workshop

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ETHICAL QUESTIONS

- What can stories reveal in living cultural heritage contexts, to what extent, and how?
- How can human–computer interaction (HCI) enable living cultural heritage (LCH) in spaces of shared practice?

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FINDINGS

- Cultural backgrounds and storytelling
- Connection to Heritage, beliefs, and Identity
- Living Cultural Heritage (LCH) as part of daily routines

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FINDINGS

“The archiving aspect was important to learn about how important it is for artists to record their making processes by using our mobile phones. I will now be more aware of taking photos of my work from start to finish.”

(Aboriginal Elder and woman-artist, aged 61)



Workshop **ARTS CEDUNA, South Australia**

FINDINGS

- Concerns about making LCH publicly available through social media and websites
- Fear of commercialisation or exploitation
- Not all indigenous communities are willing to participate in the exchange

Workshop

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DISCUSSION & CONCLUSION

- Indigenous artists showed resilience by using HCI
- Indigenous Cultural and Intellectual Property Rights
- Indigenous communities can become self-sustaining through education and awareness.



Contact: amna.queshi@ulapland.fi

Thank you!

