# DISKAH
# Network

## Digital Skills in Arts and Humanities Network

Dr Myrsini Samaroudi, University of Brighton

# DISKAH: DIgital SKills in Arts and Humanities

- Funded by UKRI-Science and Technology Facilities Council (STFC) as part of the Digital Research Infrastructure (DRI) Programme

- November 2024 – March 2027, £599K co-investment

- DISKAH aims to improve access to UKRI DRI through a UK-wide training programme



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# Project Co-Leads



**Dr Eamonn Bell**
Durham University

**Dr Zoetanya Sujon**
University of the Arts
London

**Prof. Karina Rodriguez
Echavarria**
University of Brighton

**Prof. Leif Isaksen**
University of Exeter

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**Network**

# DISKAH Network

University of Brighton

University *of* Exeter

Durham University

ual: london college of communication

UCL Advanced Research Computing

DARIAH-EU
Digital Research Infrastructure for the Arts and Humanities

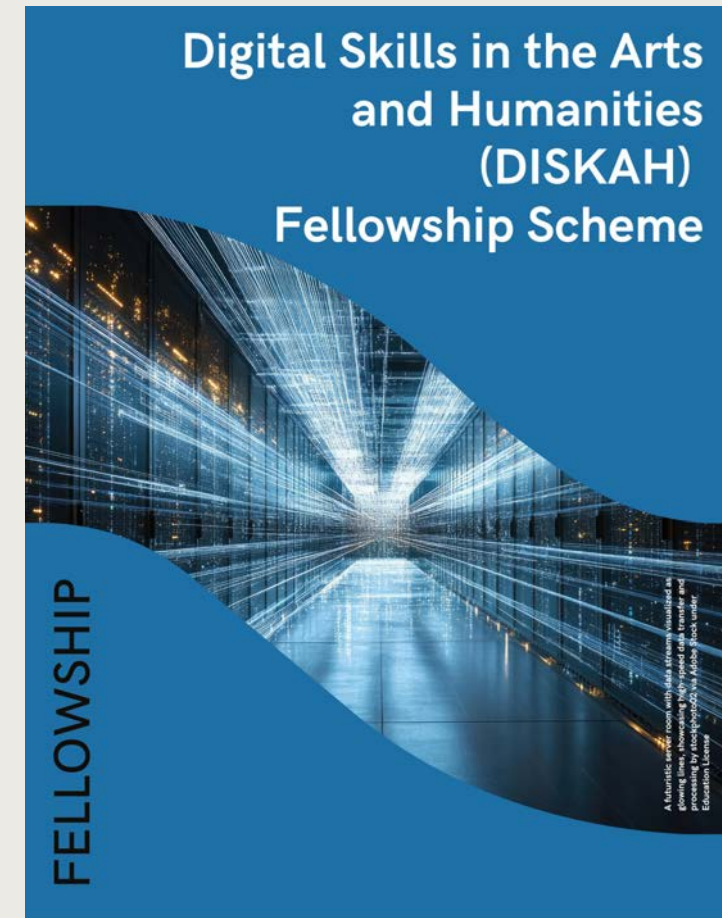King's Digital Lab

N8 CIR
Computationally Intensive Research

DE MONTFORT UNIVERSITY LEICESTER

THE UNIVERSITY OF EDINBURGH

Northeastern University London

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# Funded Fellowships Programme

- **Training** programme

- Engaging **academics, RTPs** and **practitioners** in HEI/IRO

- **Use cases** for DRI (including HPC) in A&H

- **Two cohorts** with up to 12 fellows (first cohort Apr 2025-Mar 2026)



**Digital Skills in the Arts and Humanities (DISKAH) Fellowship Scheme**

FELLOWSHIP

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# Fellowship Components

**Professional development**
- o Training
- o Access large-scale computing infrastructure
- o Hands-on deployment and testing of research software

**Networking**
- o A&H researchers and RTPs

**Leadership development**
- o Exemplary use cases for DRI
- o Lead training and dissemination within research communities

**Lead the increased use of DRI - large scale compute within A&H**

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# Outcomes and Impact

- Co-designed train-the-trainer approach

- Documented use-cases of DRI disseminated through the fellowships

- Training and knowledge exchange events

- Impact hundreds of A&H researchers and increasing access to UK DRI



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# Current DISKAH projects

- **Texting Scarlatti** - Dr Jasper van der Klis, Guildhall School of Music & Drama, London

> investigating 18th century manuscript transmission of Domenico Scarlatti's music by using phylogenetic tools in computational musicology research

- **PolyGraphs** - Prof Brian Ball, Northeastern University London

> generating computer simulations to investigate network structure, information quality and information processing strategies with networked communities, contributing to debates on higher-order evidence and group belief

- **Technology for Handling and Improving Stubborn Text-Level Errors** - Dr Jessica Witte, University of Edinburgh

> using LLM to improve the accuracy of complex OCR errors embedded in historical digitised newspapers and scaling up for historical archives

- **Mobile Subjects, Contrapuntal Modernisms** - Dr Maria Isabel (Maribel) Hidalgo Urbaneja, University Arts London

> extracting entities from art history literature to investigate the circulation of artists from the decolonising world to London and Paris, enabling the study of their impact on regional history of modern art

- **Shakespeare's Textual Variations** - Prof Gabriel Egan, De Montfort University

> examining authorship attribution on Shakespeare's plays, using Information theory metrics to generate writing style profiles based on authors' most frequent words habits

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# Next DISKAH Call (Jan 2026)

- A&H-related Research Technical Professionals (RTPs) and researchers

- Affiliated with a HEIs or IROs in the UK

- Residents and eligible to work in the UK

- Lead or enable the delivery of research

- Some experience of coding or applying algorithmic methods to research

*DISKAH is committed to equity, diversity and inclusion and we are especially keen to attract a diverse applicant pool, and strongly welcome applications from under-represented groups in research, computing, and digital skills.*



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# Cohort characteristics

- Interest to scale up existing approaches and/or software code currently used for research

- Access to a relevant 'big' data set (in terms of volume, complexity)

- Potential to develop exemplary use-cases of DRI

- Leadership potential



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# Examples of DRI use/projects

- Research that can't easily be carried in conventional computer equipment

- Big data analytics

- Simulation of physical phenomena (IoT/digital twins)

- Analysing, accessing and re-using audiovisual content

- Any A&H related discipline



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# DISKAH website

www.culturedigitalskills.org



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