

# N8 CIR Newsletter

## Welcome

Firstly, apologies that this newsletter is a little later than usual. We've been putting the finishing touches to some new online workshops and wanted to share them with you as soon as we could. You can read more about these below.

The final three RSE meet-ups took place during June. We're working to finalise the write-ups of both the RSE career session and Speed Blogging events. We'll publish them to the event resources section of the website as soon as they're complete. In the meantime we have a comprehensive overview of May's ReproHack that you can see online.

You can read about some of our key events there: <https://n8cir.org.uk/events/event-resource/>

## Workshops

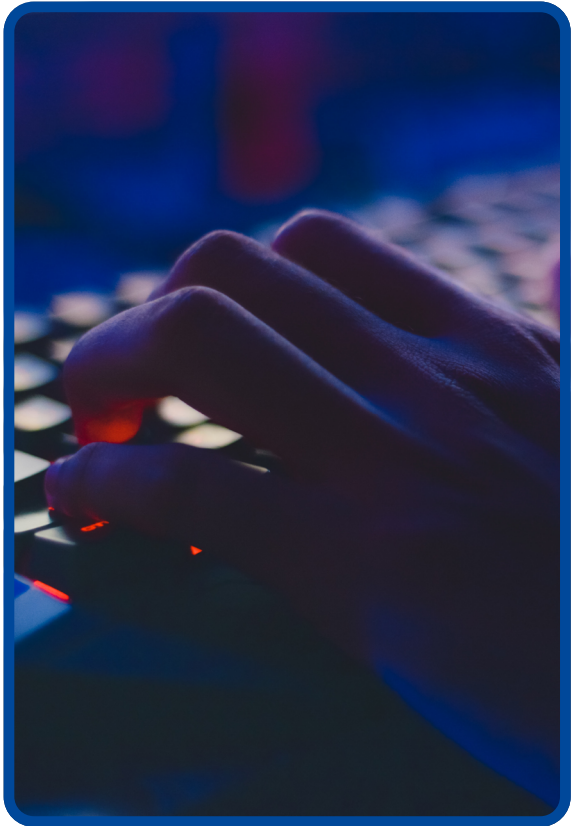
**Web scraping using Python (Digital Health)**  
15 July, 1-2pm  
<https://n8cir.org.uk/events/web-scraping-health/>

**Web scraping using Python (Digital Humanities)**  
22 July, 1-2pm  
<https://n8cir.org.uk/events/web-scraping-humanities/>

Both of these workshops will follow the same broad format but with some of the details amended to meet the differing needs of the humanities or health researcher.

These workshops will start with an overview of using social media data to measure the impact of real-life events and an introduction to Python.

They will go on to cover Twitter data collection using the Twitter Developer API, data pre-processing and machine learning methods to process the collected data.



**Azure for Research**  
Save the Date - 29 July, 11am-1.15pm

The booking link for this session will be shared as soon as the details are finalised with Microsoft. This will be in a newsletter to the N8 CIR mailing list and our Twitter feed.

This session, hosted by Microsoft's Education team, will introduce Microsoft's Azure platform with a specific focus on HPC, HTC and Cyclecloud before going on to talk about using the public cloud for remote research.

It is the first in a series of workshops that will also cover machine and deep learning, a hands-on Azure session and finally a virtual tour of a Microsoft datacentre. The dates for these further sessions will be confirmed shortly and added to the N8 CIR website here: <https://n8cir.org.uk/events/>

## Access to High Performance Computing

On 30 June UKRI issued a call for researchers to apply for computational resource from EPSRC funded services to support research projects from across EPSRC's remit. This new call is a successor to last year's ARCHER RAP and Tier-2 Open access calls.

The services available are ARCHER2, the upcoming Tier-1 national supercomputer accessible to EPSRC research communities, and most of EPSRC's Tier-2 HPC services: Isambard, NI-HPC, JADE, Cirrus, NICE (Bede), CSD3 and HPC Midlands +.

The call closes at 4pm on 4 September. You can see full details of the call here: <https://epsrc.ukri.org/funding/calls/access-to-high-performance-computing/>

## Remote ReproHack, Review

In May we hosted an online ReproHack. This was a replacement for the event originally due to take place on 14 March that was postponed because of concerns around Covid-19.

The replacement event was extended into a reproducibility mini-conference featuring three speaker presentations alongside the more usual reproducibility activities of this type of event.

You can read a review of the event, including comprehensive details of the speakers' presentations:

- **Daniel Nüst** - Using Research Compendia
- **Daniel Piqué** - How I identified a missing data point in a paper with 8000 citations
- **Sarah Gibson** - Using Binder for Reproducible Research



The pages include links to a range of resources including how to organise your own ReproHack, how to become a codechecker and getting started with Binder for Julia, Python and R. Read the full review here: <https://n8cir.org.uk/events/event-resource/reprohack/>

## RSE Case Studies

This month we've added another case study to our website. This digital humanities example from Michael Richardson and Kate Court of Newcastle University explains the development of a web app that uses augmented reality to promote storytelling between young dads and their children.

These are a useful resource as they highlight the skills that RSEs have and demonstrate to researchers the advantages of working with RSEs.

We are always keen to share the work being done by the RSE community within the N8 Research Partnership. If you have a project that you would like to see included on this page then please e-mail: [enquiries@n8cir.org.uk](mailto:enquiries@n8cir.org.uk)



To see those that are already published please visit: <https://n8cir.org.uk/supporting-research/rse/case-studies/>

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