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[New Directions in Archaeological Science: Improving Transparency, Openness and Reproducibility](#)

工作坊主題：

New Directions in Archaeological Science: Improving Transparency, Openness and Reproducibility"

時間：

9/17 (一) 9:10~3:00

地點：(請自備筆記型電腦)

台灣大學水源校區人類學系館105教室 (9:10~12:00)

台灣大學水源校區人類學系館308教室 (12:00~3:00)

摘要：

In many scientific fields today there is an increasingly urgent concern about the openness and transparency of research results. This is because of several high-profile failures attempts to replicate famous results from past research. In archaeology we are not immune from these concerns, as the recent scandal from Untermaßfeld, Germany, demonstrates. In this workshop I will (1) introduce the problems that we face with transparency and reproducibility in archaeology, (2) describe the cutting-edge software tools and services that many archaeologists are now using to solve these problems, and (3) provide hands-on introductory training in the use of these tools for archaeological science research and teaching. At the end of the workshop participants will have an improved understanding of the need to embrace transparent and open research practices in their work, and possess basic skills in the use of tools and services to make their research more transparent and reproducible.

講者：Ben Marwick (Associate Professor, University of Washington, USA)

Ben Marwick is an Associate Professor at the University of Washington, Seattle, USA, and a Senior Research Fellow at the University of Wollongong, Australia. He researches palaeolithic archaeology in mainland Southeast Asia and surrounding regions. He has active field research projects with local and international collaborators in Vietnam and Myanmar. His research has been published in Nature, Journal of Human Evolution, Journal of Archaeological Science, Journal of Archaeological Method and Theory, Journal of Anthropological Archaeology, and others. He is the chair of the Society of American Archaeology's Open Science in Archaeology Interest Group where he works with the Society to promote openness and transparency in archaeology. He is an internationally-recognised authority on reproducible research in archaeology and the social sciences in general, and has been invited to lecture on this topic at Harvard, Oxford, Cambridge, Berlin, Switzerland and throughout the US.
