

Workshop

May 9–10, 2023



ITALIAN SCHOOL OF
EAST ASIAN STUDIES



UNIVERSITÀ
DI TORINO

Italian School of East Asian Studies (ISEAS)
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Science and Archaeology in Italy and Japan

A Transdisciplinary Methodology

Modern archaeology has been developed almost simultaneously in Japan and Italy, with the first excavation of a mound tomb in Japan, the Samuraizuka kofun (侍塚古墳) in 1692, ordered by Tokugawa Mitsukuni, and with Ercolano and Pompei excavations in 1748. This research field has been intensely promoted by national governments and academic institutions, and at present employs techniques and approaches from the physical, chemical, biological, and earth sciences as well as engineering (covered by the interdisciplinary field of archaeometry) to address archaeological issues. Archaeometry provides archaeology instruments for collecting, analyzing and interpreting data related to material records of human history, with a reciprocal cross-fertilization of methodologies and interpretative tools that make archaeology and archaeometry truly transdisciplinary. In the workshop the history of archaeology and the archaeological methodology will address the employ of archaeometry in a comparative view of the field in Italy and Japan.

To join remotely on Zoom:
meeting ID 826 7035 5494



<https://us02web.zoom.us/j/82670355494>

*All times refer to JST (Japan Standard Time)

PROGRAM

MAY 9

Opening

Silvio Vita
(Italian School of East Asian Studies, Research Co-ordinator)

Introducing Remarks

Professor Gianluca Coci
(Università di Torino, Delegate for Exchanges with Japan)

16:00

Britta Stein
(Research Fellow & Lecturer, Institute of Oriental Studies,
Department of Japanese Studies, Martin Luther University
Halle-Wittenberg)

History of Archaeology in Japan

16:40

Professor Tomii Makoto
(Department of History, Faculty of Literature, Taishō University)

Limits and Possibilities of Archaeological Methods

17:20

Dr. Joseph Ryan
(Research Institute for the Dynamics of Civilizations, Okayama
University)

Recent Discoveries from Ancient Kibi

MAY 10

16:00

Professor Alessandro Re
(Department of Physics, Università di Torino, INFN, AIAR
Directive Member)

Hard Sciences in Archaeological Research: the Role of Archaeometry

16:40

Dr. Laura Guidorzi
(Department of Physics, Università di Torino, INFN)

The Archaeometrist Abroad: Meeting of Eastern and Western Scientific Expertise for a Better Understanding of Japanese Ancient Materials

17:20

Professor Eliano Diana
(Department of Chemistry, Università di Torino)

Beyond Hyperspecialization: Benefits from a Transdisciplinary Approach