Dr. Giulia D'Ercole

Curriculum Vitae

MAIN AREAS OF RESEARCH

African Prehistory, Nubian cultures, pottery technology and style, cultural traditions and identities, archaeometric methodologies for the characterization of the ceramic materials (petrographic, mineralogical and chemical analyses)

SKILLS

Technological and typological analysis of pottery

Optical Microscopy (OM), Scanning Electron Microscopy (SEM), X-ray powder diffraction (XRPD), X-ray fluorescence (XRF) and Instrumental Neutron Activation (INAA) samples preparation, analysis and data processing.

Macro photography of ceramics and small finds, data entry by Access and File Maker database

CAREER HISTORY

since 04.2013 Post Doc researcher of the ERC Starting Grant Project AcrossBorders, hosted by the Austrian Academy of Sciences in Vienna, Austria until 03/2015 and by the Ludwig Maximilians University Munich, Germany from 04/2015

Main tasks in the project: selection, preparation and study of the ceramic samples submitted for archaeometric analyses (Optical Microscopy, Instrumental Neutron Activation Analysis). Link between the archaeologists and the external experts at the Department of Lithospheric Research and the Department of Geodynamics and Sedimentology of the University of Vienna (OM) and at the Institute of Atomic and Subatomic Physics of Vienna (INAA).

EDUCATION

2012 Dr Phil awarded in Prehistoric Archaeology, Sapienza – University of Rome, Italy

Dissertation title: "Ceramic manufacturing techniques and cultural traditions in Nubia from the 6th to the 3rd mill. BC. Examples from Sai Island" (original title: "Tecniche di manifattura della ceramica e tradizioni culturali in Nubia dal VI al III millennio a.C. Esempi dall'isola di Sai")

Supervisors: B.E. Barich; E.A.A. Garcea; defended 10th Dec. 2012

2008 M.A. in Archaeology, Sapienza – University of Rome, Italy

Dissertation title: "An archaeological-linguistic method in order to recognize identities in archaeology: the use of ceramic remains" (original title: "Un metodo archeologico-linguistico per il riconoscimento di identità in archeologia: l'uso delle fonti ceramiche")

Supervisors: B.E. Barich, A. Cazzella; defended 14th Jul. 2008

2005 B.A. in Archaeology, Sapienza – University of Rome, Italy

Dissertation title: "Cultural background and technology of the most antique saharian pottery. A casestudy: Uan Muhuggiag pottery - Lybian Sahara" (original title: "Ambito culturale e tecnologia della più antica ceramica sahariana. Un caso di studio: la ceramica di Uan Muhuggiag - Sahara libico")

Supervisor: B.E. Barich; defended 14th Dec. 2005

FURTHER EDUCATION AND TRAINING

2009 Attendance to the Summer School of Archaeometry – 8th Edition, University of Salento, Lecce, Italy

GRANT AND FELLOWSHIPS

2008-2011 Grant from the Doctorate School of Sapienza – University of Rome (Italy) for the research project: "Ceramic manufacturing techniques and cultural traditions in Nubia from the 6th to the 3rd mill. BC. Examples from Sai Island" (original title: "Tecniche di manifattura della ceramica e tradizioni culturali in Nubia dal VI al III millennio a.C. Esempi dall'isola di Sai")

ATTENDANCE TO RESEARCH GROUPS

2008 Ministero dell'Istruzione, dell'Università e della Ricerca, Rome (Italy) PRIN 2008 (Progetti di Ricerca di Interesse Nazionale) duration 24 months. Title of the research: "Archaeology and Archaeometry of food production in the ancient North-African societies – Diachronic and comparative study of economic contexts of Morocco, Algeria, Tunisia, Libya and Egypt". Scientific Coordinator: E. Papi, Member of the Research Unit directed by E.A.A. Garcea (University of Cassino and Southern Latium)

ATTENDANCE TO CONGRESSES, SEMINARS AND WORKSHOPS

2014 Jul 14th–18th, 14th Congress of the Pan African Archaeological Association for Prehistory and Related Studies, University of the Witwatersrand at Johannesburg, South Africa

- Talk (jointly with J. Budka & E.A.A. Garcea): 'The successful 'recipe' for a long-lasting tradition: Nubian ceramic assemblages from Sai Island (Northern Sudan) from Prehistoric times to the New Kingdom period'

2013 Sep 19th–21st, 12th European Meeting on Ancient Ceramics (EMAC 2013), Padova, Italy

– Poster (jointly with G. Eramo, E.A.A. Garcea & I.M. Muntoni): 'Variability and continuity in Nubian ceramic traditions from prehistoric times until ethnographic productions'

2013 Jul 11th–12th, Annual Colloquium of the British Museum: Nubia in the New Kingdom: lived experience, pharaonic control and indigenous traditions, London, UK

- Talk presented at the workshop: Ceramic fabrics in New Kingdom Nubia: 'Sai Island New Kingdom Town: Archaeometric assessment of pottery corpus'

2011 Sep 29th–Oct 1st, European Meeting on Ancient Ceramics (EMAC 2011), Natural History Museum of Vienna, Austria

– Poster (jointly with G. Eramo & I.M. Muntoni): 'Ceramic production at Sai Island (Sudan): raw materials variability and technological choices'

2011 Jul 3rd-7th, International Symposium of the Later Prehistory of Northeastern Africa, "Origin and Early Development of Food Producing Cultures in Northeastern Africa – 30 years later" at Poznan Archaeological Museum, Poznan, Poland

- Talk: 'The ceramic assemblages from Sai Island (northern Sudan): connecting technological choices to cultural traditions between the 6th and the 3rd millennium BC'

2010 August 1st-6th, 12th International Conference for Nubian Studies at British Museum, London, UK

– Poster (jointly with G. Eramo & I.M. Muntoni): 'Archaeometric approaches to ceramic manufactures and traditions at Sai Island, northern Sudan'

TEACHING EXPERIENCE

2008-2013 Lectures on Prehistoric pottery traditions in Northern Sudan and on archaeometric methodologies for the characterization of the ceramic materials for undergraduate and BA students at the University of Cassino and Southern Latium and at the Sapienza – University of Rome (Prehistoric Ethnography of Africa)

PUBLICATIONS

D'Ercole, G., Eramo, G. and Muntoni, I.M., 2014 *'Archaeometric approaches to ceramic manufactures and traditions at Sai Island, northern Sudan'*. In: The Fourth Cataract and Beyond. Proceedings of the 12th International Conference for Nubian Studies, ed. by Julie R. Anderson & Derek A. Welsby, British Museum Publications on Egypt and Sudan 1, Leuven, 377-386

IN PRESS

D'Ercole, G. *'Petrographic analysis of Oases wares from Sai Island, New Kingdom town'*, Appendix in: Budka, J. 'Oases wares from Sai Island, New Kingdom town'. In: Marchand, S. (Ed.), Le céramique du désert occidental d'Égypte de la fin du Néolithique à l'époque arabe. La Marmarique, le Wadi Natroun et le oasis de Siwa, Bahariya, Dakhla et Kharga. Édition des actes de la table ronde de l'Ifao au Caire le 19 au le 20 décembre 2011. Cahiers de la Céramique 10, Numéro Spécial. Le Cairo, IFAO. 2014

D'Ercole, G. 'The ceramic assemblage from Sai Island (northern Sudan): connecting technological choices to cultural traditions between the 6th and the 3rd millennium BC'. In: Origin and Early Development of Food Producing Cultures in Northeastern Africa – 30 years later, International Symposium of the Later Prehistory of Northeastern Africa, Poznan Archaeological Museum, Poznan (Poland), 3–7 July 2011

D'Ercole, G., Eramo, G., Garcea, E.A.A, Muntoni, I.M. and Smith, J.R. '*Raw material and technological changes in ceramic productions at Sai Island, northern Sudan from the 7th to the 3rd millennium BC*', Archaeometry (ARCH-10-0185-2013.R1)

SUBMITTED

D'Ercole, G., Garcea, E.A.A. *'Variability and continuity of Nubian ceramic from prehistoric traditions until ethnographic productions'*, Submitted in March 2015 to the Journal of Archaeological Science: Reports. Special issue edited by Michela Spataro and Roberta Tomber

ARCHAEOLOGICAL FIELDWORK

NORTH AFRICA

Sai Island (Sudan), Jan-Feb 2015 and 2014, AcrossBorders project

Excavation directors: D. Devauchelle, V. Francigny; Field director: J. Budka

– Technological-petrographic study of the New Kingdom ceramic assemblages for the project AcrossBorders directed by J. Budka

Sai Island (Sudan), Feb-Mar 2013, AcrossBorders project & Mission Archéologique de l'île de Saï

Excavation director: D. Devauchelle, Field director: J. Budka

– Technological-petrographic study of the New Kingdom ceramic assemblages for the project AcrossBorders directed by J. Budka

– Excavation and analysis of the prehistoric ceramic assemblages under the direction of E.A.A. Garcea, in charge of the Later Prehistory

Amara West (Sudan), Jan-Feb 2013 Amara West research project of the British Museum, London (UK) directed by Neal Spencer

Excavation, survey and analysis of the prehistoric ceramic assemblages under the direction of E.A.A.
Garcea, in charge of the Later Prehistory

Sai Island (Sudan), Jan-Feb 2012 Université Charles de Gaulle – Lille 3 (France), Mission Archéologique de l'île de Saï

Excavation director: D. Devauchelle, Field director: F. Doyen

– Excavation and analysis of the prehistoric ceramic assemblages under the direction of E.A.A. Garcea, in charge of the Later Prehistory at Sai Island

Amara West (Sudan), Feb 2011 Amara West research project of the British Museum, London (UK) directed by Neal Spencer

Excavation, survey and analysis of the prehistoric ceramic assemblages under the direction of E.A.A.
Garcea, in charge of the Later Prehistory

Sai Island (Sudan), Jan 2011 Université Charles de Gaulle – Lille 3 (France), Mission Archéologique de l'île de Saï

Excavation director: D. Devauchelle, Field director: F. Doyen

Excavation and analysis of the prehistoric ceramic assemblages under the direction of E.A.A.
Garcea, in charge of the Later Prehistory at Sai Island

Sai Island (Sudan), Jan-Feb 2009 Université Charles de Gaulle – Lille 3 (France), Mission Archéologique de l'île de Saï

Excavation director: D. Devauchelle, Field director: F. Doyen

- Excavation and analysis of the prehistoric ceramic assemblages under the direction of E.A.A. Garcea, in charge of the Later Prehistory at Sai Island

Farafra oasis (Egypt), Dec 2007-Jan2008 Sapienza – University of Rome, Missione Archeologica nell'Oasi di Farafra (Egypt) directed by B. E. Barich

- Student assistant to excavations and surveys

Farafra oasis (Egypt), Nov-Dec 2006 Sapienza – University of Rome, Missione Archeologica nell'Oasi di Farafra (Egypt) directed by B. E. Barich

- Student assistant to excavations and surveys

ITALY

Rome (Italy) Jul-Oct 2006 Soprintendenza per i Beni Archeologici di Roma, Excavations at Osteria del Curato, Rome (Italy) – Eneolithic necropolis directed by R. Egidi and A. Anzidei, Field director: A. Castagna

- Assistant to excavations

Macerata (Italy), Sep 2005 Sapienza – University of Rome, Excavations at Maddalena di Muccia, Macerata (Italy) – Neolithic/Eneolithic settlement directed by A. Manfredini

- Student assistant to excavations

Rome (Italy), Jun 2004 Sapienza – University of Rome, Mapping of the Roman amphitheatre in Anzio, Rome (Italy) directed by M. Guaitoli

Student assistant

Rome (Italy), Jan-Feb 2004 Sapienza – University of Rome, Surveys at Cerqueto, Pomezia (Italy) directed by M. Fenelli

Student assistant

Foggia (Italy), Sep 2003 Sapienza – University of Rome, Field season at Coppa Nevigata, Foggia (Italy) – fortified settlement of Bronze Age directed by A. Cazzella

- Student assistant to excavations

Rome (Italy), Jun-Jul 2002 Sapienza – University of Rome, Field season at Palatino, Rome (Italy) directed by C. Panella

- Student assistant to excavations