

SAS BULLETIN

NEWSLETTER OF THE SOCIETY FOR ARCHAEOLOGICAL SCIENCES

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FROM THE EDITOR
CARMEN TING

As this year is coming to an end, it's the perfect time to reflect on the things we have achieved for the bulletin and to set new targets for next year.

This year, we have successfully transformed the bulletin from the print and electronic version to an online one. Posts are shorter and thus easier to digest, which are tailored for our busy lifestyle. Also, the posts are uploaded to the online bulletin as they come in, which means you can follow the most up-to-date development of different topics of archaeological sciences at all times. I would highly recommend you to check out our online bulletin if you still haven't had a chance to do so, and here's the link to it:

<http://socarchsci.blogspot.com>

We have also broadened the scope of the bulletin by adding new topics. An example of the new topic is archaeological pigment, which is covered by Roxanne Radpour, our

newly appointed associate editor in archaeological pigment. You can read more about Roxanne's interesting piece on shellfish pigment Typrian purple in this issue. To continue with this effort, we have appointed three new associate editors, who are responsible for covering research in zooarchaeology, lithic and network analysis, and archaeobotany. You can read more about their research profile and aspiration for the bulletin in this issue.

I cannot emphasise enough that we are only able to make these new, exciting changes because we have a strong editorial team that is committed to promote archaeological science to a broader audience. You can see such dedication in our associate editor in archaeological ceramics, Charles Kolb, who has never failed to contribute to every single issue of the bulletin. Thank you very much, Charlie! In this issue, he has reviewed the ceramic related sessions at the past meeting of the American Anthropological Association. Another shout out should be given to our associate editor in maritime archaeology, Nicolas Ciarlo, who has never ceased to surprise us with the treasures from the undersea. This time, he has taken us to the ongoing research in Algericas, Spain.

We have also included in this issue the calendar of the upcoming conferences that is put together by our Vice President for Social Media and Outreach, Andrew Zipkin. In case you couldn't quite decide which conferences to go to in the new year, you can read the reviews of some of the conferences, from the European Meeting on Ancient Ceramics to the International Congress of Archaeological Sciences in the Eastern Mediterranean and Middle East and the Ceramic Petrology Group annual meeting, that happened this year in this issue.

Thank you very much for your patience and support throughout the transition period. As always, we do value your opinion, so please do not hesitate to get in touch if you would like to let us know what you think of the new bulletin. Happy Holidays to everyone, and see you again in the New Year!

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INTRODUCTION TO OUR NEW ASSOCIATE EDITORS
OF THE SAS BULLETIN
CARMEN TING, Editor

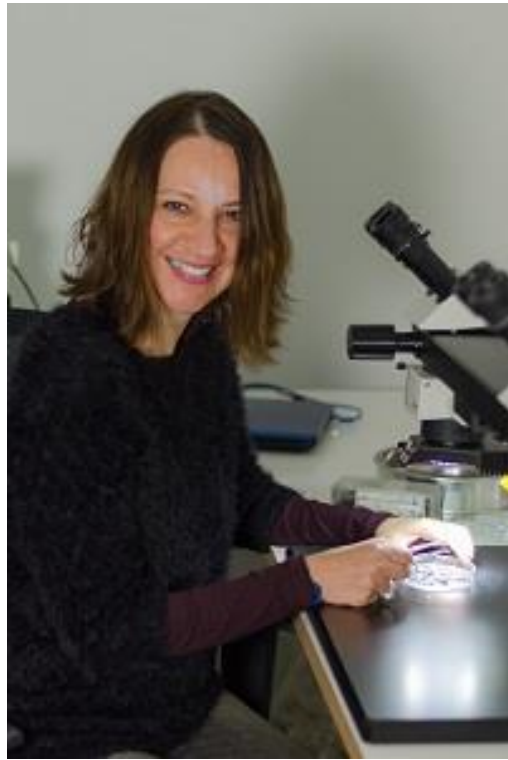
In accordance to our effort to transform the format and content of the bulletin – which we have been working on slowly but surely – we are bringing in new faces to report on the state-of-the-art research, conference reviews, book reviews of a broad spectrum of topics. I proudly present to you – our new associate editors:



Laerke Recht, *associate editor, zooarchaeology*



Mark Golitko, *associate editor, lithic studies and network analysis*



Evi Margaritis, *associate editor, archaeobotany*

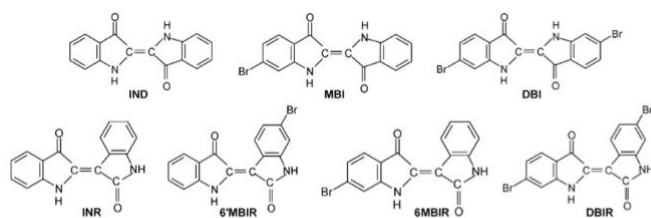
You can know more about their research background and profile, as well as aspirations to become the associate editor of the bulletin here:

<http://socarchsci.blogspot.com/2019/12/meet-our-new-editors.html>

ARCHAEOLOGICAL PIGMENTS
ROXANNE RADPOUR, Associate Editor

A recent review of shellfish purple by Karapanagiotis (2019), also known as Tyrian purple, has produced a comprehensive look at the composition, archaeological/historical use and scientific characterization of the rarest dye pigment utilized in human history. Shellfish purple, in use since the 18th century BCE, was popularized by Phoenicians around the 9th-7th century BCE, but fell out of production at the end of the Byzantine empire, due to the conquest by Ottomans of Constantinople and the decree by Pope Paul II to opt for kermes in the dyeing of ecclesiastical robes. If you want to learn more about the new review and technological insights of the shellfish purple, please click on the following link:

<http://socarchsci.blogspot.com/2019/12/new-review-and-technological-insights.html>



Top: most prominent colouring compounds found in the hypobranchial glands of the Muricidae mollusks; Bottom: colouring compounds/DMSO solutions (Image adapted from Ioannis 2019)

ARCHAEOLOGICAL CERAMICS

CHARLES C. KOLB, Associate Editor

The American Anthropological Association's (AAA) 118th Annual Meeting was held in conjunction with the Canadian Anthropology Society (CASCA) in Vancouver British Columbia, Canada, 20-24 November 2019. The theme for the joint meeting was "Changing Climates: Struggle, Collaboration, and Justice / Changer d'air: Lutte, collaboration et justice." Only ten presentations concerned ceramic materials of which two were posters (AAA assigns them to what they call "Gallery Sessions") while six oral presentations with a discussant were in a single panel, and the last two volunteered papers (on residue analysis and petrography, respectively) were in separate sessions devoted to regional archaeology.

Find out more about the sessions related to ceramic studies in the following link:

<http://socarchsci.blogspot.com/2019/09/previous-meeting-on-topics-related-to.html>

MARITIME ARCHAEOLOGY

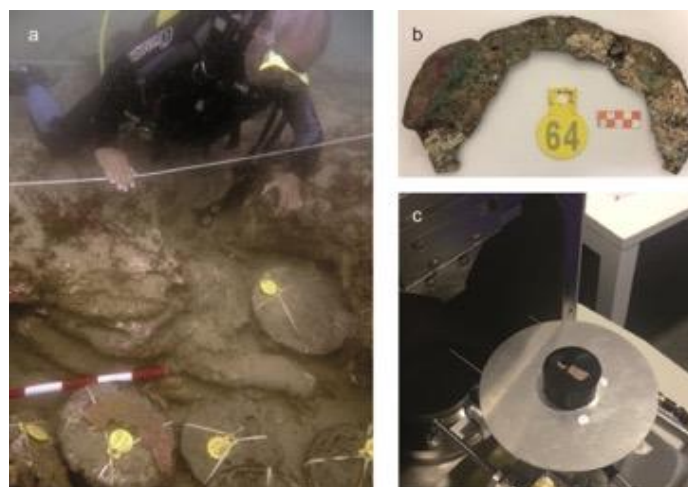
NICOLAS CIARLO, Associate Editor

Since 2016, the International Doctoral School in Sea Studies at the University of Cadiz (EIDEMAR-UCA), Spain, has offered two degree programs: a MA Program in Nautical and Underwater Archaeology, and a PhD

Program in Maritime History and Archaeology. Several European and Latin-American students have conducted archaeometric research within this scenario. Thus far, studies cover a wide range of archaeological remains from ancient and modern shipwrecks, chiefly located in Andalusian waters. Strong collaboration with other national and international institutions allowed deepening into subjects of both local and regional interest.

If you want to find out more about the outcome of this exciting project, follow the link below:

<http://socarchsci.blogspot.com/2019/10/maritime-archaeology-ongoing.html>



Cargo of copper ingots recorded and recovered during fieldwork activities at the Arapal site (2017): (a) a partial view of the cargo, located in situ; (b) ingot no. 64; and (c) sample selected for SEM-EDS analysis (Photos courtesy of University of Cadiz).

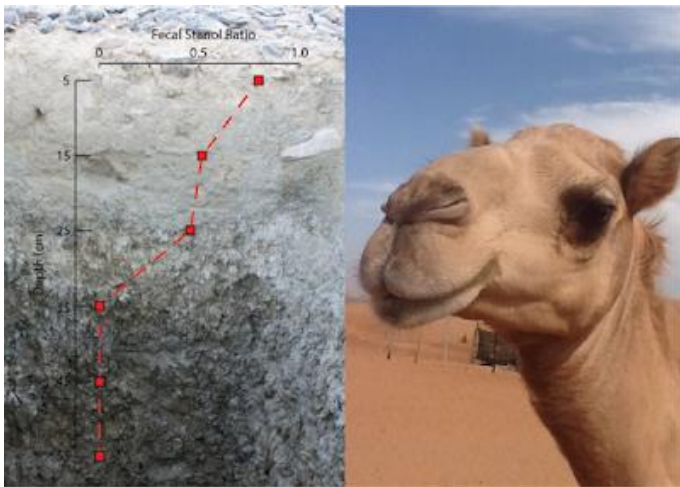
EXTENDED ABSTRACT OF SCI X 2019

ARCHAEOLOGICAL SCIENCE SESSION

The Society for Archaeological Sciences had recently sponsored two sessions that focused on the application of chemistry in art and archaeology at the SciX 2019 Conference, which took place between the 13th and 18th October, 2019 in Palm Springs, California. The session was organised by our very own Andrew Zipkin together with Mary Kate Donais.

Find out more about the abstract of the papers presented at the session here:

<http://socarchsci.blogspot.com/2019/12/extended-abstracts-of-session-sponsored.html>



(Photo courtesy of White et al. 2019)

CONFERENCE REVIEW: EUROPEAN MEETING ON
ANCIENT CERAMICS (EMAC)

CARLOTTA GARDNER, Guest Editor

EMAC 2019 was organised and hosted by the University of Barcelona and ran from the 16-18th September. The conference as a whole, was an enjoyable experience and provided an excellent opportunity to hear about the latest ventures in the analysis of archaeological ceramics and meet with colleagues for lively discussion and debate.



(Photo courtesy of Carmen Ting)

If you want to read more about Carlotta's experience in the EMAC, following the link below:

<http://socarchsci.blogspot.com/2019/11/conference-review-15th-european-meeting.html>

CONFERENCE REVIEW: INTERNATIONAL
CONGRESS OF ARCHAEOLOGICAL SCIENCES IN THE
EASTERN MEDITERRANEAN AND MIDDLE EAST
(ICAS-EMME)

ARTEMIOS OIKONOMOU, Associate Editor

Last November (12-14/11/2019) the 2nd International Congress on Archaeological Sciences in the Eastern Mediterranean and Middle East, or ICAS-EMME 2 for short, took place at the premises of the Cyprus Institute in Nicosia, Cyprus. This congress was co-organized by the Science and Technology in Archaeology and Culture Research Center, (STARC) of the Cyprus Institute together with the Archaeological Research Unit of the University of Cyprus (ARU) and the Cyprus American Archaeological Research Institute (CAARI) and brought together researchers and scholars from the EMME region and beyond.



(Photo courtesy of the STARC, The Cyprus Institute)

Check out the conference by following the link below:

<http://socarchsci.blogspot.com/2019/12/conference-review-international.html>

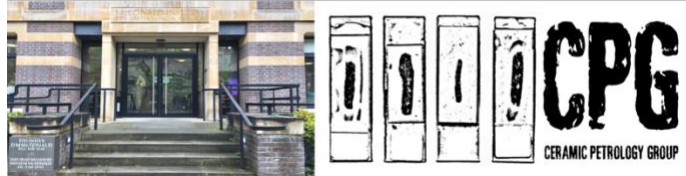
CONFERENCE REVIEW: CERAMIC PETROLOGY
GROUP MEETING 2019

CARMEN TING, Editor

The annual meeting of the Ceramic Petrology Group (CPG) was organised by the Fitch Laboratory, The British School at Athens, on the 8th and 9th November 2019. The two-day meeting comprised 14 oral presentations, six poster presentations, a lab tour, and a microscope section. What made this meeting particularly special is its rather relaxed and friendly environment, which had encouraged Masters and PhD students to present their research and generate constructive feedback to their ongoing research.

Find out what Daniel thought of the summer school and how to register for the next summer school here:

<http://socarchsci.blogspot.com/2019/11/archaeological-sciences-via-aegean.html>



If you want to find out more the meeting and how to get involved in the upcoming meeting in the following link:

<http://socarchsci.blogspot.com/2019/12/conference-review-ceramic-petrology.html>

This year SAS has resumed publishing a calendar of conferences, workshops, and other events relevant to the international archaeological science community.

Published twice per year, the calendar aggregates information about publicly announced events happening all over the world in one place. We scour society websites, social media, and e-mail listservs for reputable events not associated with predatory conference organizers (e.g. <https://www.facebook.com/SocArchSci/posts/1969069953372475>). Did we miss an upcoming conference, symposium, or workshop? Did you notice details that are incorrect or have a complaint?

E-mail the event name, date, location, and a brief description with contact, submission, and registration information to sasgensecretary@gmail.com or make a comment on the blog post.

**MORE REVIEW OF THE CYPRUS INSTITUTE
ARCHAEOLOGICAL SCIENCE SUMMER SCHOOL**
DANIEL FUKS, Guest Editor

In case you are already fed up with the cold winter, here's a beam of sunshine for you. We've got another testimony of the Archaeological Science Summer School in Cyprus from Danial Fuks.



(Photo courtesy of the STARC, The Cyprus Institute)

UPCOMING CONFERENCES ALERT
ANDREW ZIPKIN, VP for Social Media and Outreach



The link to the calendar of the upcoming conferences in the next few months is below:

<http://socarchsci.blogspot.com/2019/12/archaeological-science-conference-and.html>

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SAS BULLETIN STAFF

Editor: **Carmen Ting**, McDonald Institute for Archaeological Research, University of Cambridge, Downing Street, Cambridge CB2 3DZ, UK; email carmen.k.ting@gmail.com

Associate Editor, Archaeological Ceramics: **Charles C. Kolb**, Independent Scholar (retired NEH), 1005 Pruitt Court, SW, Vienna, Virginia 22180-6429, USA; email CCKolb.13@gmail.com

Associate Editor, Archaeometallurgy: **Agnese Benzonelli**, UCL Institute of Archaeology, 31-34 Gordon Square, London WC1H 0PY, UK; email agnese.benzonelli.12@ucl.ac.uk

Associate Editor, Archaeological Glass and Vitreous Materials: **Artemios Oikonomou**, STARC, The Cyprus Institute, 20 Constantinou Kavafi Street, 2121 Nicosia, Cyprus; email a.oikonomou@cyi.ac.cy

Associate Editor, Archaeological Pigments: **Roxanne Radpour**, Materials Science and Engineer Department, University of California, Los Angeles, Los Angeles, CA 90034, USA; email radpour@ucla.edu

Associate Editor, Zooarchaeology: **Laerke Recht**, McDonald Institute for Archaeological Research, University of Cambridge, Downing Street, CB2 3DZ, UK; email lr459@cam.ac.uk

Associate Editor, Lithic studies and network analysis: **Mark Golitko**, Department of Anthropology, University of Notre Dame, 296 Corbett Family Hall, Notre Dame, IN 46556, USA; email Mark.L.Golitko.1@nd.edu

Associate Editor, archaeobotany: **Evi Margaritis**, STARC, The Cyprus Institute, 20 Constantinou Kavafi Street, 2121 Nicosia, Cyprus; email evimargaritis@gmail.com

Associate Editor, Maritime Archaeology: **Nicolás Ciarlo**, National Research Council of Argentina (CONICET) – Institute of Archaeology, School of Philosophy & Letters, University of Buenos Aires. 25 de Mayo 217/221, 3rd floor (C1002ABE), Autonomous City of Buenos Aires; email maritime.historical.archaeol@gmail.com

Associate Editor, Archaeogenetics: **Ophélie Lebrasseur**, School of Archaeology, University of Oxford, 1-2 South Parks Road, OX1 3TG, Oxford, UK; email: ophelie.lebrasseur@arch.ox.ac.uk

Associate Editor, Geoarchaeology: **Jesse W. Tune**, Department of Anthropology, Fort Lewis College, Durango, CO 81301, USA; email jwtune@fortlewis.edu

Associate Editor, Remote Sensing and Prospection: **Apostolos Sarris**, Laboratory of Geophysical-Satellite Remote Sensing & Archaeoenvironment, Foundation of Research & Technology Hellas, Melissinou & Nikiforou Foka 130, P.O. Box 119, Rethymnon 74100, Crete, Greece; email asaris@ret.forthnet.gr

SAS EXECUTIVE OFFICERS

President: **Marcos Martínón-Torres**, Department of Archaeology, University of Cambridge, Downing Street, Cambridge CB2 3DZ, UK; tel (+44) 12223 760946; email m.martinon-torres@arch.cam.ac.uk

President-Elect: **Evangelia Kiriati**, Fitch Laboratory, British School at Athens, 52 Souedias Street, Athens, 10676, Greece; tel (+30) 211 1022 835; email e.kiriati@bsa.ac.uk

Past President: **Rachel S. Popelka-Filcoff**, School of Chemical and Physical Sciences, Physical Sciences Building, Flinders University, Adelaide, South Australia 5001, Australia; tel (61) 8 8201 5526; email rachel.popelkafilcoff@flinders.edu.au

Vice President for Communications SASweb & SASnet, and Treasurer: **Destiny L. Crider**, Department of Anthropology, Koren 319, Luther College, 700 College Dr., Decorah, IA 52101, USA; email criddle01@luther.edu

Vice President for Social Media & Outreach: **Andrew M. Zipkin**, School of Human Evolution and Social Change, Arizona State University, 900 S. Cady Mall, Tempe, AZ 85281, USA; email andrew.zipkin@asu.edu

Vice President for Membership Development: **Tatsuya Murakami**, Department of Anthropology, Tulane University, 6823 St. Charles Ave., Dinwiddie Hall 101, New Orleans, LA 70118, USA; tel 504-862-8135; email tmurakam@tulane.edu

Vice President for Intersociety Relations: **Adrian L. Burke**, Département d'Anthropologie, Université de Montréal, C.P.6128, succursale Centreville. Montréal QC H3C 3J7, Canada; tel 514-343-6909; email adrian.burke@umontreal.ca

General Secretary Emeritus: **Robert S. Sternberg**, Department of Earth and Environment, Franklin & Marshall College, Lancaster, PA 17604-3003, USA; tel 717-291-4134; email rob.sternberg@fandm.edu

SAS ADMINISTRATION

General Secretary: **Kyle P. Freund**, Department of Anthropology, Indian River State College, Ft. Pierce, Florida 34981 USA; tel 772-462-7689; email sasgensecretary@gmail.com