POSTER SESSION II (from 14:20 to 16:50)

- Bioarchaeology
- Food preparation and consumption in antiquity
- Field archaeology
- Archaeo-chronometry
- Recent developments in radiocarbon dating
- Human – environment interactions
- Metals and metallurgical ceramics (technology and provenance)
- Integrated site studies

Program

314. Azizipoor, T. Nemati, A.-R. Khademi, F. - Palaeodetery of Parthian site of Valiran
316. Caracuta, V., Fiorentino, G. - Micro-stratigraphical and archaeobotanical strategies in analysing a Middle Bronze Age “Midden” at Tell Mardikh – Ebla (Syria)
319. Chilardi, S., Giardino, C. - Bones as smelting fuel in Zhezkazgan metallurgy?
320. Colaianni, G., Primavera, M., Fiorentino, G. - Sampling strategies and archaeobotanical analysis at the messapian sanctuary of Oria–Papalucio (South-eastern Italy)
321. Coppey, F., Le Hô, A.-S., Leblanc, C., Regert, M. - Unravelling the organic contents of Egyptian jars: first results from the Ramessuem (Louqor, West Bank)
322. Degano, I., Colombini, M.P. - Pre-Peruvian archaeological textiles: a multianalytical approach for dyestuff identification
323. Deiana, A. - Archaeobotanical investigations in the north-western Sardinia (Italy): archaeology of the agrarian and forest landscapes in medieval and postmedieval age
324. Doolin, M.A., Armitage, R.A. - Qualitative THM-GC-MS and quantitative analysis of proteins and amino acids in rock painting binders
325. Dotsika, E., Maniati, M., Maniatis, Y., Pitsios, Th., Coltrain, J.B., Hedges, R.E.M. - Nutritional evolution from Neolithic times to the Classical age
326. Ergenekon, B. - Etruria, Knidia and Delphi: Aplu-Apollon cult
327. Fang, X., Wang, C., Pan, W., Han, Q. - Restoration of bone flute from Jiahu site by using CT
328. Fossati, S., Decri, A., Pesce, G.L. - The study of the provenience of the wood through the dendrochronological analysis of the grow sampling curves
329. Fraser, D., Armitage, R.A. - Clinical test strips for rapid identification of binder materials in rock paintings
331. Jiang, H.-E, Zhang, Y.-B. - New advance of archaeobotanical studies of the Yanghai tombs, Xinjiang, China
332. Kakoulli, I., Prikhodko, S., Fischer, C., Boytner, R., Lozada, M.C., Ciluffo, M., Uribe, M., Bodzin, N. - Digging the past: Focused-Ion Beam (FIB) milling and variable pressure scanning electron microscopy coupled with energy dispersive X-ray and Raman spectroscopy (VPSEM-EDS-RS) for the study of bioarchaeological specimens
333. Koon, H.E.C., Collins, M. - Scurry, the scourge of guinea pigs and man
334. Kulell, I., Keenleyside, A., Panayotova, K. - Dietary reconstruction of the inhabitants of Apollonia Pontica using multielement analysis and isotope ratios of carbon and nitrogen in bones
335. Le Hô, A.-S., Regert, M., Sablier, M. - Mongolian archaeological lacquerwares investigated by pyrolysis-gas chromatography/mass spectrometry: towards the understanding of commercial routes
336. Lentini, A., Belgiorno, M.R. - Palaethnobotanical investigations at the archaeological site of Pyrgos – Mavoraki, Cyprus
337. Lubritto, C., Sirignano, C., Passariello, I., Marzaoli, F., Rubino, M. - Paleodiet studies at C.I.R.C.E. Laboratory
340. McCreesh, N.C., Gize, A., David, R. - From a Single Strand: scientific analyses of human hair
341. Modugno, F., Colombini, M.P., Ribechni, E., Lucejko, J. - Characterisation of archaeological waterlogged wood by Direct Exposure Mass Spectrometry (DE-MS) and Pyrolysis/Gas Chromatography/Mass Spectrometry (PY/GC/MS)
343. Ogasawara, M., Kato, K. - Novel chemical methodology for identifying origin of archeological bitumen: existence of long trade routes along the japanese archeperago and Skhalin island in prehistory
344. Pizzo, B., Giachi, G., Fiorentino, L. - Chemical characterization methods for archaeological waterlogged wood
345. Poon, K.W.C., Dadour, I., McKinley, A. - In situ chemical analysis of tattooing inks and pigments in ancient mumified remains
348. Reiche, I., Chadeaux, C., Vignaud, C., Chalmin, E. - Insights into the color origin of stained archaeological bones or ivory - multianalytical study by micro-PIXE/PIGE, SEM/TEM, FT-IR, XRD and XANES
351. Rickards, O., Craig, O.E., Martinez-Labarga, C., Lelli, R. - Dietary variability, mobility and genetic origins of early farmers of Southern Italy: an integrated biomolecular approach
352. Roumpou, M., Heron, C., Jones, G., Kiriatzis, E., Valamoti, S.M., Andreou, S. - Detection and identification of organic residues in ceramic vessels from Late Bronze Age Northern Greece: a preliminary investigation of consumption and exchange of plant oils
353. Roumpou, M., Heron, C., Stratouli, G. - Detection and identification of organic residues in ceramic vessels dated to the Neolithic from Drakaina cave (Kephalonia), Greece
354. Schroeder, H., Evans, J.A., O’Conell, T.C., Hedges, R.E.M. - Restoring the links: Isotopic evidence for the origins of enslaved Africans from colonial Barbados
356. Soberl, L., Evershed, R.P., Pollard, J. - Cooking for the dead: Investigation of organic residues preserved in Early Bronze Age funerary pottery from Britain
357. Stanc, S.M. - Animal resources exploitation by the (L) Ibida fortress inhabitants: archaeozoological data
358. Styring, A.K., Evershed, R.P., Pearson, J. - Complementary use of δ13C and δ15N values of skeletal collagen amino acids for palaeodiетary reconstruction
359. Tornero Dacasa, C., Sana i Seguí, M. - Integrating stable isotopes to study the origin of herding strategies: δ13C and δ18O results from bioapatite enamel of Bos sp. in recent PPNB tell Halula site (Syria, Middle Euphrates Valley) during 7800 – 7300 cal BC
360. Triantaphyllou, S. - Stable isotope analysis and diet in Prehistoric Greek Macedonia
361. Türkekul Bıyık, A., Özbal, H. - Chemical analysis of the residual lipids in the cooking pots from Chalcolithic Anatolia
362. Tykot, R.H., Metroka, A., Bergfield, R., Dietz, M.J. - Chemical Analysis of Hair Segments and Short-Term Dietary Variation: Results for the Ancient Site of Chongos (Peru)
364. Varvara, S., Gligor, M., Popa, M. - Preliminary considerations on the preservation state of the Neolithic human remains discovered at Alba Iulia-“Lumea Noua” archaeological settlement
365. Vika, E., Richards, M., Schutkowski, H., Aravantinos, V. - Strangers in the Grave: Investigating identities with δ34S analysis in a Bronze Age mass burial in Thebes, Greece
366. Watson, J., Nordby, C. - Distinguishing reindeer antler from bone using Raman spectroscopy

FOOD PREPARATION AND CONSUMPTION IN ANTIQUITY

367. Baccarini, L., Giorgi, G., Pecci, A., Salvini, L. - Functional analysis of ceramics and floors of an altomedieval wooden domestic structure at Donoratico (Tuscany)
368. Campanella, L., Pecci, A., Salvini, L., Troisi, G. - Residue analysis of pottery from the Phoenician and Punic settlement of Sant’Antioco (Sardinia)
369. Delnevo, E., Fermo, P., De Vos, M. - Organic residues in archaeological Tunisian amphorae from Ain Wassef (Dougga, North Tunisia)
370. Domínguez-Bella, S., Bernal Casasola, D. - Fish-based subproducts in Late Antiquity. Archaeometrical study and archeological evidence from the fish factories at Traducta (Algeciras, Cádiz, Spain)
371. Fritz-Popovski, G. - Investigation of residue layers on ceramics from the Hallstatt region
372. Gregg, M., Banning, E., Gibbs, K., Slater, G. - A new approach for the isolation, concentration, and transterification of free fatty acids in archaeological ceramics
373. Inserra, F., Pecci, A., Buonincontri, M.P. - A medieval tavern: chemical analyses of floors at San Genesio (central Italy)
374. Pecci, A., Di Pasquale, G., Corbino, C., Buonincontri, M., Salvini, L., Giorgi, G., Cantini, F. - Food preparation and consumption in the Middle Age. The center of Florence case study (13th century)
375. Semeraro, G., Notarstefano, F., Lettieri, M.T. - Food preparation and consumption in the Messapian settlement of San Vito dei Normanni (south estern Italy): organic residue analyses on pottery vessels of the Archaic age
376. VanderVeen, J.M. - Finding food while protecting pots: a non-destructive protocol for absorbed residue analysis

ARCHAEOCHRONOMETRY
377. Bahain, J.J., Bianca, M., Burrafato, G., Caputo, R., Falguères, C., Gueli, A.M., Stella, G., Troja, S.O., Zuccarello, A.R. - Application of absolute dating methods to reconstruct the Late Quaternary uplift of the Lucanian Ionian coast (Southern Italy)

378. Barrandon, J.-N. - How can the element analysis “date” the copper coinages struck by the roman emperor Tiberius?

379. Blain, S., Prigent, D., Guibert, P., Sapin, C. - Dating an early medieval church by the luminescence method: the case of St. Martin at Angers (France)

380. Burrafato, G., Finocchiaro, F., Gueli, A.M., Stella, G., Troja, S.O., Zuccarello, A.R. - Characterization and study of datability of mortar from the monumental complex of S. Francesco at the Collina of Paternò (Catania, Italy)

381. De Vincoli, R., Gueli, A. M., Lahaye, C., Loughlin, M., Stella, G., Troja, S. O., Zuccarello, A.R. - Virtual reconstruction of archaeological structures TO evaluate the gamma-contribution to annual dose in absolute dating

382. Genevey, A., Gallet, Y., Rosen, J., Le Goff, M. - Constraining the Earth’s magnetic field intensity variations in Western Europe over the past eight hundred years: towards a dating tool for displaced archaeological baked-clay artifacts

383. Giannattasio, C., Grillo, S.M. - The defense towers in Cagliari (XVI century): dating strategies through the metrological-chronological analysis of masonries and the petrographic and geochemical characterization of materials


386. Hartmann, G.A., Afonso, M., Trindade, R. - Archeomagnetic secular variations in Brazil and potential applications for archæomagnetic dating

387. Kiyak, N.G., Ozturk, T. - Authentication of ancient Turkish pottery by luminescence techniques

388. Mark, L., Marcisik, A., Tamas, L. - Dating of Human Skeletal Remains by FT-IR Spectroscopy

389. Michniewicz, J., Nawrocka, D. - The latest archaeological investigations at the Cracow Market Square in the light of radiocarbon dating of mortars

390. Moreau, J.-F., Gratuze, B., Hancock, R.G.V., Blet-Lemarquand, M. - Dating sixteenth century settlement in the vicinity of Quebec City (Canada) by means of elemental analysis of glass beads through thermal and fast neutrons activation analyses

391. Quarta, G., Calcagnile, L., D’Elia, M., Butalag, K., Tiberi, I. - Studying the diagenetic state of bone samples submitted for 14C AMS dating by combined FTIR and nuclear methods

392. Ramirez, A., Chung, H., Gonzales, P., Schaaf, P. - The Chronology of Chichen Itza, Yucatan, Mexico by Thermoluminescence dating

393. Reich, S.I., Leitus, G., Shalev, S. - Superconductivity in the service of archaeology; a method for dating lead artifacts


395. Sibilia, E., Martini, M., Galli, A., Jens, S. - Characterisation of Javanese ceramics by luminescence

396. Sibilia, E., Martini, M., Maspero, F., Santoro, S. - The Amphitheatre in Durres (Albania): a contribution to the chronology of the medieval settlement using luminescence and radiocarbon dating

397. Sibilia, E., Martini, M., Panzeri, L., Jens, S. - The chronology of pre-Slavic and Slavic settlements in the lower Elba river area (Germany) by means of luminescence dating


399. Watson, J., Tryon, C., Vicéns, M. - A new method for faster and more accurate processing of samples for micro-tephrochronology

400. Zacharias, N., Orfanou, S., Rizou-Kalakona, M., Georgakopoulou, M., Bassiakos, Y., Michael, C.T. - Optically Stimulated Luminescence Studies of Early Cycladic Metallurgical Ceramics from Seriphos, Greece
RECENT DEVELOPMENTS IN RADIOCARBON DATING

401. Armitage, R.A. - Characterizing the organic material in rock paintings by THM- and conventional GC-MS: implications for radiocarbon dating of Rock Art
404. Nawrocka, D. - 14C dating of wood and charcoal from mortars on different examples
405. Pesce, G.L., Cavaciocchi, P., Lastrico, C. - Radiocarbon dating of aerial lime mortars: considerations on the applicability of method and on the limitations of using data. The study case of S. Nicolò of Capodimonte church (Camogli – Genoa)

FIELD ARCHAEOLOGY

406. Barba, L., Blancas, J., Ortiz, A., Rosales, A. - Georadar in a hunter-gather archaeological site in sand dunes of Bahía de los Muertos, Baja California Sur, Mexico
407. Campana, S. - Filling the void: unrealistic dream or achievable reality?
408. Campana, S., Donoghue, D., Galiatsatos, N. - Undercanopy archaeology using airborne laser scanner to overcome the Mediterranean vegetation
409. Campana, S., Frezza, B., Ghisleni, M.E. - Mapping Tuscany: remote sensing and test-excavation of a stratified Roman, Late Antique and Medieval site (Italy)
410. Campana, S., Marasco, L., Perici, F., Felici, C. - Pava project (Tuscany-Italy)
411. Campana, S., Marasco, L., Piro, S., Dabas, M. - Remote sensing and test-excaation of a Medieval mound (Tuscany-Italy)
412. Campana, S., Perici, F. - Aerial survey project: seven years of flights over the Tuscan sky
413. Campana, S., Remondino, F., Sarazzi, D., Sordini, M. - Integrated technologies for the 3D digital documentation of archaeological excavation and historical building
414. Krivanek, R. - The different ways of collaboration of geophysical and archaeological methods in research project “The Neglected Archaeology”
415. Krivanek, R. - Combination of non-destructive methods for observation of state of subsurface preservation of ploughed archaeological site on example of oppidum Stradonice in Bohemia
416. Morrison, H.F., Gasperikova, E., Becker, A., Smith, T. - A multi sensor electromagnetic system for determining the depth, size and shape of buried metallic objects
417. Taghavi, A. - The spatial organization of Farah Abad city in Safavid period

HUMAN-ENVIRONMENT INTERACTIONS

418. Athanassas, C., Fountoulis, I., Zacharias, N., Bassiakos, I. - Ancient shore line movements in Pylos area derived from studies of archaeological sites and absolute chronology
421. Dallai, L., Donati, A., Protano, G., Simoncini, E. - Determination of trace elements for the characterization of Alunite of the Upper Cornia Valley
422. D’Oronzo, C., Calcagnile, L., Caracuta, V., Colaianni, G., D’Elia, M., Fiorentino, G., Quarta, G., Semeraro, G. - Archaeobotany and Carbon isotopes analysis at Tas-Silġ sanctuary: climate and culture in Malta island
423. Dotsika, E., Tzavidopoulos, I., Poutoukis, D., Maniatis, Y., Albanakis, K., Somiadis, D. - Geochemistry of Picrolimni lake for the evidence of natron precipitation
424. Eckmeier, E. - Charred organic matter in soils and the change from natural to cultural landscapes in NW-Germany
425. Evans, J.A., Tatham, S., Chenery, C.A., Chenery, S.R. - The application of strontium isotope profiles in herbivore teeth as a tool for examining animal husbandry practices in the past
426. Farswan, Y.S. - Reconstruction of Intensity of Occupation through Elemental Analysis of Anthropogenic Soil from Earthquake Hit Settlements of Garhwal Himalaya, India
427. Giardino, D., Marchiori, A., Mazzoli, C., Montagna, P., Kovačić, V. - Geochemical and isotopic study on marine mollusc shells from archaeological sites: the case study of Loron (Istria, Croatia)
428. Hall, A.J., Photos-Jones, E. - The medicinal earths of antiquity as archaeological materials and the need to understand the biochemical role of aluminium
429. Hodges, C.M., Matson, E. - Remaking the urban habitat: the creation of the modern Seattle Waterfront and urban landscape, A.D. 1850 to A.D. 1950
430. Kampa, M., Sioliou, M.K., Kaparti, P., Tsirimon, E., Ispikoudis, I. - Cultural landscapes of South-eastern Rhodope: transition from the Byzantine times to modern times
431. Krahtopoulou, A., Frederick, C. - Long-term implication of terracing in dynamic landscapes: geoarchaeological investigation of polycyclic terracing from Kythera Island, Greece
433. Oh, Y.A. - The Aterian Chronology & Palaeoenvironment at Taforalt, Morocco
434. Polymeris, G.S., Kitis, G., Sakalis, A., Tsirliiganis, N. - IRSL dating of a deep water core from Pylos, Greece; comparison to post IR Blues OSL and TL dating results
435. Ponterio, R.C., Aliotta, F., Trusso, S., Vasi, C. - Information technology as a tool for the fruition of Cultural Heritage
436. Primavera, M., Fiorentino, G., Radina, F. - Palaeo-environmental reconstruction at Pulo di Molfetta (south-eastern Italy) by in-site and off-site strategies
437. Rouai, M., Dekayir, A., Canuti, P., Fanti, R. - Slope instability and risk assessment in Volubilis archaeological site (Morocco)
438. Salvi, M.C., Salvini, R., Gallotti, R., Gruppioni, G. - Digital terrestrial photogrammetry for the depositional and postdepositional analysis of archaeological records applied to Gombore II Acheulean site (Melka Kunture, Etiopia)
439. Sapsford, M., Shortland, A., Dégryse, P. - The Wadi Natrun: The use of geochemistry and analytical science in identifying patterns of usage of sodium salts in Ancient Egypt
440. Sarti, L., Pizzoli, G., Ghinassi, M., Tangocci, F. - A multidisciplinary approach for the landscape reconstruction of Sesto Fiorentino area (Florence, Italy): the integration of archaeological, stratigraphical and environmental analysis
441. Scarcliglia, F., Robustelli, G., Tiné, V., Abate, M., La Russa, M.F., Pezzino, A. - Geo-archeometric study of the Santuario della Madonna Cave (Calabria, Southern Italy): Holocene climatic changes or human impact?
442. Valulina, T.R., Valulina, S. - Alchemy workshop at the end of XII – first third of the XIII centuries in Bilar (experiment in reconstruction)
444. Adamski, F.M., Pernot, M. - Technological study of antic large bronze repairing patches from the Gallo-roman site of Barzan (France)
445. Agresti, J., Siano, S., Mencaglia, A., Rastrelli, A., Salimbeni, R., Miccio, M. - Quantitative alloy analyses of a set of bronze figurine using an innovative portable laser induced plasma spectroscopy instrument
446. Alexandrescu, C.G., Greiff, S. - A colourful choice of alloys: Metal analyses of a Roman cornu
447. Álvarez Pérez, A., Gutierrez Garcia-Moreno, A., Pitarch Martí, A., Mestres Campdelacreu, I., Masó i Giralt, R. - Iron oxid-rich sediments and slag fragments analysis from the medieval site of Can Calderó (Vic, Barcelona, Spain)
448. Angiorama, C.I. - Study of composition of pre-hispanic metallic objects from the Argentinian Northwest
449. Arles, A., Bompare, M., Gratuze, B., Téreygeol, F. - An experimental approach of processes used in the French medieval minting
450. Asderaki-Tzoumerkioti, E., Karydas, A.G. - Non-destructive analyses of four silver gilded Hellenistic epaulettes
451. Asderaki, E., Ehren, Th. - Early iron age iron metal from Halos and Lefkandi, Greece
452. Asmus, B., Bartels, C. - Theophilus and 12th century copper smelting in Harz Mountains, Germany
453. Bahari, M. - A comparative study of the environmental effect on corrosion speed and nature of the ancient bronze in two sites: Gohar Tepe and Tepe Klar of Mazandaran, Iran
454. Bassiakos, Y., Georgakopoulou, M., Philaniotou, O. - Early Bronze Age copper production on the western Cycladic islands: the evidence from Kythnos and Seriphos
455. Beck, L., Alloin, E., Klein, U., Berthier, C. - The Preuschdorf coin hoard: first results on the alloy composition
457. Blakelock, E., Martinón-Torres, M., Young, T. - Slag Inclusions and the Quest for Provenance: Analysis of Slag and Slag Inclusions from Iron Smelting Experiments
458. Bollard, I. - Archaeometallurgical analyses for the characterization of some monetary specimens of Late Antiquity: study of copper alloys coins and medallions from 294 to 392
460. Burger, E.M., Bourgarit, D., Frotte, V. - Smelting sulphides without a separate preliminary roasting? An attempt to overcome a paradox of Chalcolithic/Early Bronze Age copper smelting process in Western Europe
461. Chiarentini, L., Benvenuti, M., Giunti, I., Costagliola, P., Dini, A. - Trace element composition and isotopic signature as markers of provenance and technology: a contribution from the study of “AES RUDE” from two Etruscan sites (Italy)
462. Chiarentini, L., Benvenuti, M., Recchia, S., Giunti, I., Costagliola, P., Dini, A. - the use of copper isotopes for provenance studies in archaeometallurgy: preliminary data from the polymetallic sulphide deposits of the ancient “Eturia mineraria” mining district
463. Cohen, C.R., Rehren, Th., Van Buren, M. - The invasion of the Spanish and their influence on silver production: a review of technological change on silver smelting in the Southern Andes during the Spanish colonial era
464. Constantinescu, B. - Studies on gold provenance for archaeological objects from Romanian museums using micro-SR-XRF and micro-PiXe
466. Doonan, R.C.P., Boyd, M., Wilson, G. - Out of Touch? Virtual solutions to real problems in the study of ancient craft production
467. Fraresso, G.A., Pernot, M., Uceda, S. - Archaeometallurgical study of a copper base alloys workshop at Huaca de la Luna Moche site, Peru
468. Giardino, C., Guida, G., Paternoster, G. - Central Kazakhstan metallurgy during the Bronze Age: archaeometallurgical studies on Zhezkazgan area
469. Gliozzo, E., Cartechini, L., Arletti, R., Rinaldi, R., Imberti, S., Kockelmann, W.A., Turbanti Memmi, I. - Time of Flight Neutron Diffraction studies on Roman Army bronze artefacts from the Thamusida archaeological excavations (Rabat, Morocco)
470. Gliozzo, E., Comini, A., Ciacci, A., Cherubini, A., Turbanti Memmi, I. - Ceramic production and metal working at the Trebbio archaeological site (Sansepolcro, Arezzo, Italy)
473. Grazzi, F., Siano, S., Bartoli, L., Agresti, J., Zoppi, M. - Copper alloys combined non-invasive analysis using Tof Neutron Diffraction and LiPS
474. Guri, E., Joseph, E., Scuotto, A., Cagnini, G., Kenderis, E., Porcini, S., Prati, S., Junchang, Y., Mazzeo, R. - Compositional and microstructural study of archaeological bronzes excavated from the Zhou dynasty (1046 BC-221 BC) aristocratic cemetery in Liangdai village, Shaanxi province, China
475. Hall, A.J., Ellam, R., Wilson, L., Pollard, T., Ferguson, N. - Corrosion studies and lead isotope analyses of musket balls from Scottish battlefield sites
476. Harrell, K.M. - Only Skin Deep? Usewear and Materiality of Ancient Bronzes
477. Humphris, J., Martín-Torres, M. - Iron for the Kingdom: Mass-production and adaptation of iron technologies in the Nyingnya Kingdom (Rwanda, 16th – 20th centuries AD)
478. Hunger, K., Hildbrand, E., Hubert, V., Wörle, M., Salque, M., Furger, A.R., Wartmann, M. - Non-destructive and minimal invasive analyses of Roman bronze seal boxes from "Augusta Raurica" (Switzerland) by micro X-ray fluorescence spectrometry, Fourier transformed infrared Spectroscopy and RAMAN spectroscopy
479. Hurley, N., Doonan, R.C.P. - The experimental production of high temperature materials and the implications for our understanding of early metallurgy
480. Iles, L.E., Martín-Torres, M.- Pastoralist iron production on the Laikipia Plateau, Kenya: implications for wider archaeometallurgical studies
481. Jouttijärvi, A. - An alloy called "Hepatizon"
482. Kearns, T.C., Dordio, P. - Coin Minting in the Late Middle Ages: some preliminary insights.
483. Khademi, F., Nifolari, B., Hassan Nia, S. - WLXRF Sasanian tribute coins for understanding of economic reformation
484. Lagarde, C., Pernot, M. - Aspects of metallurgical activity in Medoc in the Middle Bronze Age. Metallographic examinations of the hoard of Soulac-sur-Mer (South-West of France)
485. Leroy, S., Dillmann, P., Tereygeol, F., Tizzoni, M., Codina, O., Bertrand, L., Gratuz, B. - Chemical signature determination for medieval ferrous products diffusion studies
486. Mameli, P., Mongelli, G., Oggiano, G., Rovina, D. - Geochemical and textural approach to iron ore provenance of metallurgical slags: a case study from a VIII century settlement in North Sardinia
487. Mascelloni, M.L. - A multi-disciplinary approach to the study of an assemblage of copper based finds assigned to the Prehistory and Proto-History of Fucino, Abruzzo
488. Meliksetian, K., Pernicka, E., Badalyan, R., Avetissyan, P. - Trace element and lead isotope composition of some Armenian Neolithic and Eneolithic copper objects
489. Miceli, A., Bettuzzi, M., Casali, F., Senn, M. - The use of industrial computed tomography in the study of archaeological finds
490. Molofsky, L.J., Killick, D., Chesley, J., Ruiz, J. - Prehistoric trade of tin in South Africa revealed by lead isotopes
491. Moreau, J.-F., Hancock, R.G.V. - Copper-based cauldrons from Brador: a contribution to the study of eastern settlements of New France on the northern shore of the estuary of the Saint-Lawrence (Quebec, Canada)
492. Moreau, J.-F., Hancock, R.G.V., Pernot, M., Daniel, F., Kapches, M. - Copper-based cauldrons from the Grimsby site: combining INAA and SEM analysis
493. Niculescu, G., Oanta-Marghitiu, R., Georgescu, M. - The meanings of Apahida gold
495. O’Grady, C.R., Olsen, J., Jacobs, G.M. - NDT- XRF analysis of Asian coins excavated from the Tucson urban renewal project: provenance and relationships to migration in the Tucson region
496. Peñuelas, G., Ruvalcaba, J.L., Contreras, J., Hernández, E., Ortiz, E. - Non Destructive In situ Analysis of Gold and Silver Artifacts from the Tomb 7 of Monte Alban, Oaxaca, Mexico
497. Perret, S., Ubert, C., Henrich, P. - A study of smithing residues from the roman civil vicus of Bonn
498. Photos-Jones, E., Hall A.J. - If it works, don’t fix it: comments on early iron metallurgy in Ireland
499. Pitman, D.S., Broughton, D., Doonan, R., White, H. - Specialisation and use of space at Rooksdown in Basingstoke, Hampshire
500. Rizzi, P., Toja, F., Appolonia, L., Piccirillo, A. - Study of the technologies of production and preservation of the two Pomegranate Fountains from Issogne and Torino
501. Rodrigues, M., Schreiner, M., Mäder, M., Melcher, M., Guerra, M., Salomon, J., Radtke, M., Alram, M., Schindel, N. - The Hoard of Bečín - Non-destructive analysis of the silver coins
502. Ryndina, N.V., Ravich, I. - Near east origins of metal production rare technologies of the Maikop Culture in the northern Caucasus
503. Saprykina, I.A., Grigorova, S.A. - Results of experimental shaping of wax models for Early Iron Age ornaments from the forest zone of Eastern Europe
504. Sari, K. - Metal production during the Persian period: archeometallurgical and geometallurgical research
506. Shalev, S., Shilstein, S., Levy, Y. - XRF analysis of 3,800 years old flat shafthole axes from the M.B.II cemetery of Rishon Le-Zion near Tel Aviv, Israel
507. Siano, S., Agresti, J., Porcinai, S., Cagnini, A., Mugnaini, S., Miccio, M. - The Decollazione del Battista by Vincenzo Danti, Baptistry of Florence: technology and corrosion concerns
508. Taratori, P., Palaelogou, E. - Manyfactory of two bronze amphorae Mycenae
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514. Vitobello, M.L., Guerra, M.F. - Etruscan granulation: does morphology solve the question of authentication?
515. Wagener, J., Shugar, A., Simmons, S. - Experimental Archeometallurgy: Re-casting Maya bronze axes

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518. Alexandrescu, C.-G., Niculescu, G., Vlad, A.-M., Georgescu, M. - Correlation between corrosion products and the alloy Composition for fragmentary bronze statues of Roman period from Dacia
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531. Siapoosh, B. - A study on chemical composition of ancient mortars in Takht-e Soliman World Heritage Site and simulation of mortar preparing method
532. Song, G., Wei, S., Schreiner, M. - A study of the materials used for the inscriptions on ceramic vessels excavated from a Shang Dynasty site in China
533. Sternberg, R., Bon-Harper, S., Bradley, E. - Intra-site testing using magnetometry and shovel test pits in the Podere Funghi near Poggio Colla (Florence, Italy)