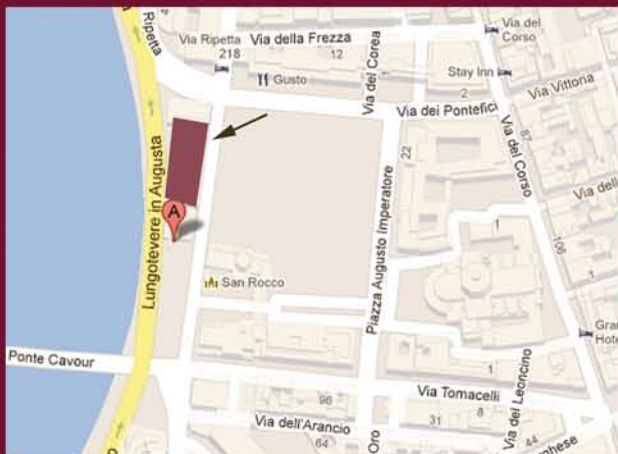


venues:

Museo dell'Arte Classica
Sapienza Università di Roma
P.le Aldo Moro, 5



Auditorium del Museo
dell'Ara Pacis
Lungotevere in Augusta



Dipartimento di
Scienze dell'Antichità



in collaboration with:



with the support of:



with the sponsorship of:



w3.uniroma1.it/asmosiax
asmosiax@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA



ROMA CAPITALE
Assessorato alle Politiche Culturali e Centro Storico
Sovraintendenza ai Beni Culturali

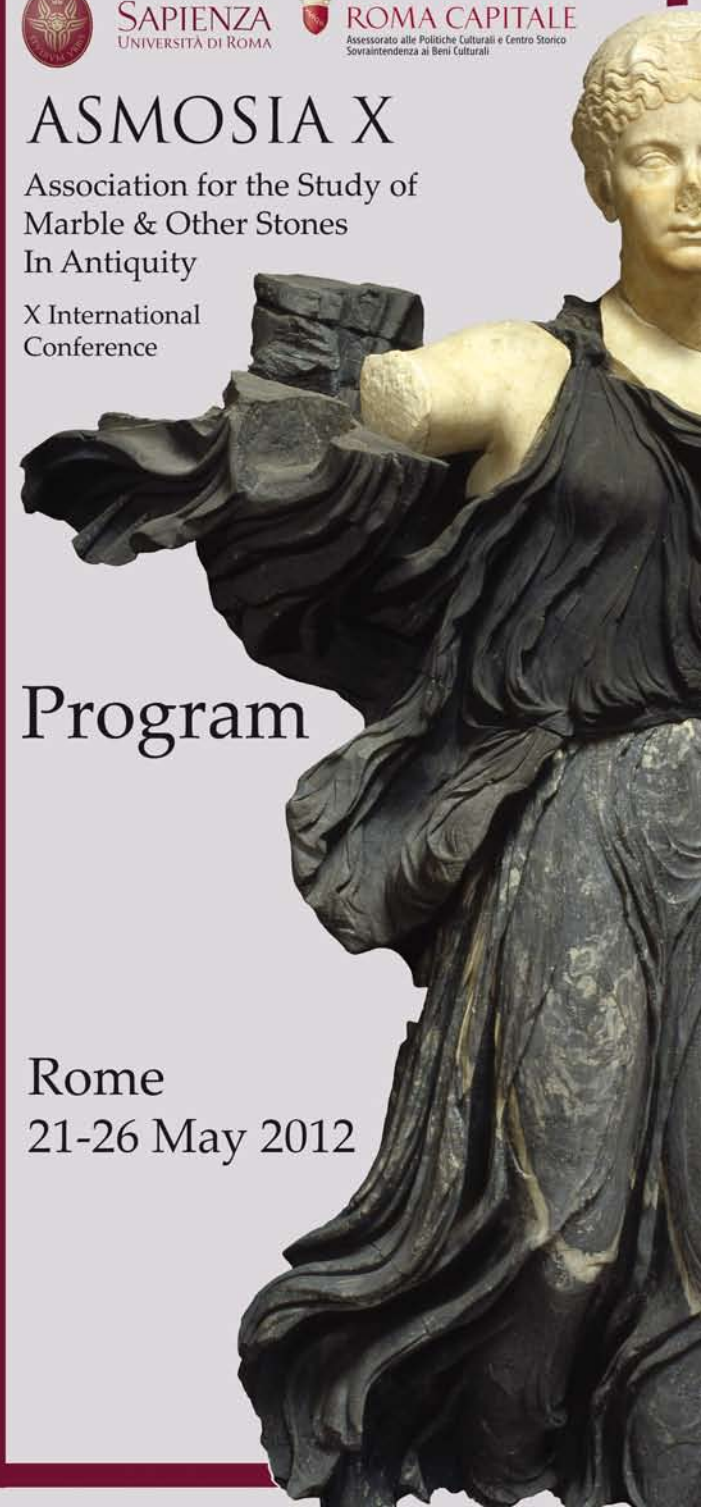
ASMOSIA X

Association for the Study of
Marble & Other Stones
In Antiquity

X International
Conference

Program

Rome
21-26 May 2012



8.00-8.30 Registration
8.30-9.00 Opening of works: welcoming addresses.
Y. Maniatis (President of the ASMOSIA Executive Committee)
E. Lippolis (Director of The Dipartimento di Scienze dell' Antichità della Sapienza - Università di Roma)
P. Pensabene (President of the XASMOSIA Conference)

Applications to specific archaeological questions – use of marble

Chairman: L. Lazzarini

9.00-9.15

D. Wielgosz

Glimpses of ancient splendour: marble sculptures
from Laodikeia-on-the-sea and Apameia-on-the-Orontes
9.15-9.30

G.A. Zachos, E. Leka

The marmor lesbium reconsidered

9.30-9.45

A. Ajootian

The odeion in ancient Corinth in color

9.45-10.00

M. Corremans, P. Degryse, M. Waelkens

Wall revetment at the Imperial Baths of Sagalassos:
provenance, typology and technological aspects

10.00-10.15

A. Tiryaki

Architectural decoration of the episcopal church of Rhodiapolis in Lycia

10.15-10.30

A. Turker

Byzantine liturgical stone works in Canakkale archaeology museum

10.30-10.45 Discussion

10.45-11.15 COFFEE BREAK

Special theme session: orders, repertoires and meaning of marble within the public and the domestic circle from antiquity till post-antique time

Chairman: J. J. Herrmann, Jr.

11.15-11.30

E. Bloxam

Solar symbolism and silicified sandstone consumption in dynastic

Egypt: fresh perspectives on the origins of its symbolic value

11.30-11.45

P. Barresi

Calculating the cost of columns: the case of Didymaion of Miletus

11.45-12.00

O. Palagia, S. Pike

A fresh investigation of the orange-red patina of the Parthenon

12.00-12.15

M. Buzov

Roman sculpture in Pannonia between imports and local production

12.15-12.30

K. Marasovic, D. Matetic Poljak

Coloured marbles in Diocletian's Palace in Split

12.30-12.45

O. Senior-Niv

Porphyry bathtubs in the sacred space

12.45-13.00

Y.A. Marano

Marmora vel alia necessaria. The use of marble
in the Variæ of Cassiodorus: a literary and archaeological approach

13.00-13.15

S. Perna

Fabri Luxuriae. Production and consumption of coloured stone urns and
vases in the Roman period

13.15-13.30 Discussion

13.30-15.00 LUNCH

*Quarries and geology: quarrying techniques, organization, transport of stones,
new quarries, stone carving and dressing, hazards to
and preservation of quarries*

Chairman: P. Lapuente

15.00-15.15

W.T. Wooton, B. J. Russell

Presenting and interpreting the processes of stone carving:

The Art of Making in Antiquity

15.15-15.30

S.J. Barker

Ingenuity in Roman recycling: the transformation of marble objects
through re-carving

15.30-15.45

M.H. Hermanns

Ancient stone quarries from the maritime perspective

15.45-16.00

M. Bağcı, Y. Kibici, A. Yildiz, O.T. Akinci

Upper Cretaceous marbles along the southern flank of the Menderes

Massif, SW Turkey: geology, petrography and geochemistry

16.00-16.30 COFFEE BREAK

16.30-16.45

D. Attanasio, M. Bruno, W. Prochaska, A. B. Yavuz

Analysis and discrimination of phrygian and

other pavonazetto-like marbles

16.45-17.00

T. Saner, U. Almac

The splendor of Andesite: quarrying and constructing

in Larisa (Buruncuk) - Aeolis

17.00-17.15

A. Younes, M.E. Gaied, W. Gallala

Mio-pliocene underground quarries at Ksour Essaf (Tunisia)

17.15-17.30

M. Rugiadi

New evidence on medieval Afghanistan: carved marbles from Ghazni

(11th-13th centuries)

17.30-17.45

S. Tusa

Ancient lithic naval cargos around Sicily

17.45-18.00 Discussion

Provenance identification I: marble

Chairman: R. Tykot

9.00-9.15

O. Palagia, Y. Maniatis

Naxian or Parian? The provenance of the marble of the Sounion
and Dipylon Kouroi

9.15-9.30

S.G. Bernard, S. Pike

An isotopic study of pentelic marble from the Athenaion Stoà of Attalos
and quarry practices at mount Pentelikon in the 2th century BC

9.30-9.45

B. Basile, L. Lazzarini

The archaeometric identification of the Greek statuary and architectural
elements of the P. Orsi Museum in Syracuse

9.45-10.00

M. Bruno, D. Attanasio, W. Prochaska, A.B. Yavuz

An update on the use and distribution of white and black Göktepe
marbles from the 1st century AD to late antiquity

10.00-10.15

G. Quarta, F. D'Andria, G. Scardozzi, G. Sobrà, F. Masino

The theatre of Hierapolis of Phrygia: a preliminary study on the
provenance of the white marble elements of the scene

10.15-10.30

M.P. Darblade-Audoine, D. Tambakopoulos, Y. Maniatis

Provenance investigation of a marble sculptures from Lyon Museum

10.30-10.45 Discussion

10.45-11.15 COFFEE BREAK

Applications to specific archaeological questions – use of marble

Chairman: S. Kane

11.15-11.30

S. Pergola

New petrographic analyses on some fragments of colossal statues
coming from the Campo Marzio: observations on the quality
and technical processing of big simulacra in the imperial age

11.30-11.45

M. De Angelis D'Ossat, S. Violante, M. Gomez Serito

A column shaft in verde rana ondato from the archaeological
excavations in Palazzo Altemps

11.45-12.00

M. David, S. Succi, M. Turci

"Marmora Ostiensia". New elements from the Ostia Marina

Project Excavations

12.00-12.15

Z. Mari

I marmi della Villa di Traiano ad Arcinazzo Romano (Rm)

12.15-12.30

B. Adembri, S. Di Tondo, F. Fantini

Architecture with concave and convex rhythms and its decoration in
Hadrian age: the Maritime Theatre and the Southern pavilion of Piazza
d'Oro in Hadrian's Villa

12.30-12.45
J. Collins-Clinton
Lumachella at Cosa: Sullan?
12.45-13.00 Discussion
13.00-14.30 LUNCH

14.30-16.00 Poster session I
Applications to specific archaeological questions – use of marble.
Provenance identification I: marble.
Provenance identification II: other stones.
Advances in provenance techniques, methodologies and databases.

16.00-19.00 Visit to the Palatine

Wednesday 23

AUDITORIUM DEL MUSEO DELL'ARA PACIS

Applications to specific archaeological questions – use of marble

Chairman: Y. Maniatis

9.00-9.15

M. De Nuccio

Gigantism and marble sculptures: the "Pie' di marmo"
in Campo Marzio

9.15-9.30

C. J. Fant

Oplontis: rise and decline of Villa A traced in its marble decor
9.30-9.45

P. Pensabene, F. Antonelli, S. Cancelliere, L. Lazzarini
Archaeology and archaeometry of the marble sculptures found
in the "Villa di Poppea" at Oplontis (Torre Annunziata, Naples)
9.45-10.00

A. Savalli, P. Pesaresi, L. Lazzarini

The House of Thelephus Relief and opus sectile at Herculaneum
10.00-10.15

C. J. Fant, B. J. Russell, S. J. Barker

Sub-elite marble use and re-use at Pompeii and Herculaneum:
the evidence from the bars
10.15-10.30

C. Lambert, C. Lubritto, E. Gigantino, M. Melfi, I. Passariello,
P. Ricci, C. Sirignano

Characterization by isotopic analysis of the origin of the inscribed
marbles of Abellinum-Atripalda
10.30-10.45

T. Lappi

White marble and coloured stone findings on Pantelleria/Italy
10.45-11.00 Discussion

11.00-11.30 COFFEE BREAK

Provenance identification II: other stones

Chairman: V. Gaggadis

11.30-11.45

J. Farr

Lapis Gabinus: new evidence for quarrying at Gabii

11.45-12.00

S. Diebner, S. Fulloni, F. Capitanio

The grey-granite quarries of Cavoli and Seccheto on the Elba island.
A new research project starting from the archive of Dr. J. Roder
(1914-1975) at the DAI Rome

12.00-12.15
L. Lazzarini
Local and imported coloured lithotypes of the X-Regio Augustea
Venetia et Histria
12.15-12.30
E. Omari
Analyses on the tesserae of Albanian mosaics. Material identification
12.30-12.45
M. De Vos Raaijmakers, R. Attoui
Quarries in rural north-african landscapes
12.45-13.00
R. Bugini, L. Folli
The stone architecture of Palmyra (Syria):
from the quarry to the building
13.00-13.15 Discussion
13.15-15.00 LUNCH

Advances in provenance techniques, methodologies and databases

Chairman: M. Moltesen

15.00-15.15

R.H. Tykot, J.J. Herrmann, Jr., A. van den Hoek

An isotope database of marble quarry sources in Algeria and Tunisia
15.15-15.30

J.J. Herrmann, Jr., P. Blanc, R.H. Tykot, A. van den Hoek

Isotopic evidence of figural sculpture in Guelma, Algeria

15.30-15.45

R.H. Tykot

Elemental analysis of marble and other stones from antiquity:
calibration issues and limitations of pXRF

15.45-16.00

V. Gaggadis-Robin, J. L. Prisset, D. Tambakopoulos, Y. Maniatis

Provenance investigation of some funeral marble sculptures
from ancient Vienne (France)

16.00-16.15

D. Taelman, M. Elburg, L. Lopes, P. De Paepe

Quarrying the Estremoz marbles (Portugal): archaeological,
petrographical and geochemical characterization

16.15-16.30

V. Rubinetto, M. Serra†, L. Appolonia, A. Borghi, S. De Leo, G. Vaggelli

The anthropomorphic stelae from the megalithic area

of Saint-Martin-De-Corléans (Aosta, Northern Italy):

provenance investigation

16.30-16.45

F. Gugliermetti, F. Bisegna, E. Bukowiecki, L. Monti

The archaeology database: new integrated
technologies to the archaeology for a deepened knowledge
about the ancient materials

16.45-17.00 Discussion

17.00-17.30 COFFEE BREAK

Special theme session: orders, repertoires and meaning of marble
within the public and the domestic circle from antiquity
till post-antique time

Chairman: P. Pensabene

17.30-17.45

V. Brunet Gaston

The decorative stoneworks in the east and center of Roman Gaul:
recent data of the archaeological operations

17.45-18.00
G.E. Borromeo, M. Hollinshead, S. Pike
A strigilated sarcophagus in Providence: ancient or modern?
18.00-18.15
K. Holbrow, C. Hayward
High resolution provenancing of Carrara marble and application
to 18th century french sculpture
18.15-18.30
M. G. D'Amelio, C.S. Salerno, D. Esposito
Old stones for the construction of the Rome modern: building market
and antique market
18.30-18.45
D. Del Bufalo
An important aspect in the identification of coloured marbles
in the art history and in restoration
18.45-19.00
G. Verdi
Ancient marbles and industrial marbles: perspectives for a suitable use
19.00-19.15 Discussion

Thursday 24

ODEION DEL MUSEO DELL'ARTE CLASSICA
FACOLTA' DI LETTERE
SAPIENZA UNIVERSITA' DI ROMA

Applications to specific archaeological questions – use of marble

Chairman: I. Rodà

9.00-9.15

F. Bianchi, M. Bruno, S. Pike

Pentelic marble in the Severian Complex in Leptis Magna
9.15-9.30

D. Fellague, F. Masino, H. Savay-Guerraz, G. Sobrà
The use of marble in Roman architecture in Lugdunum (France)
9.30-9.45

M. Moltesen

Separately added cranial calottes in Roman portrait sculpture
9.45-10.00

T. Nogales Basarrate, P. Lapuente, H. Royo, M. Preite-Martinez
Marble and stone materials in Lusitania reflecting the process
of romanization

10.00-10.15

L. Pedroni

Ceraunia and Lapis Obsianus in Pliny (NH 37.134-135)
10.15-10.30

O. Rodriguez, R. Taylor, J. Beltran, S. Garcia-Dils,
E. Ontiveros, S. Ordonez

The use of Almadén de la Plata marble in the public programs
of Colonia Augusta Firma - Astigi (Ecija-Spain)

10.30-10.45 Discussion

10.45-11.15 COFFEE BREAK

Provenance identification I: marble

Chairman: D. Attanasio

11.15-11.30

J. Beltran Fortes, M. L. Loza Azuaga, E. Ontiveros Ortega, J. A. Pérez Macias, O. Rodríguez Gutiérrez, R. Taylor
Marbles of the Aracena Massif (Ossa-Morena zone, Spain):
aspects of their exploitation and use in Roman times
11.30-11.45

E. Pascual, J. Bermejo, J.M. Campos

Analysis of the stony materials in the Arucci/Turobriga city
11.45-12.00

H. Royo, P. Lapuente, E. Ros, J.A. Cuchi, M. Preite-Martinez
Discriminating criteria of pyrenean Arties marble (Aran Valley)
from Saint-Béat marbles: evidence of Roman use
12.00-12.15

M. Unterwurzacher, C. Uhlir

New approaches to provenancing Eastern Alpine marbles
12.15-12.30

W. Prochaska, P. Niewoejner, S. Babamova

Where does fine-grained dolomitic marble of prime sculptural quality
come from?
12.30-12.45 Discussion

12.45-13.00 Presentation of the Proceedings of
the IX ASMOSIA Conference

13.00-14.30 LUNCH

14.30-16.00 Poster session II

*Quarries and geology: quarrying techniques, organization, transport of stones,
new quarries, stone carving and dressing, hazards to and preservation
of quarries.*

*Stone properties, weathering effects and restoration, as related to diagnosis
problems, matching of stone fragments and authenticity.*

Pigments and paintings on marble.

*Special theme session: orders, repertoires and meaning of marble within the
public and the domestic circle from antiquity till post-antique time.*

16.00-19.00 Visit to Ostia antica

Friday 25

ODEION DEL MUSEO DELL'ARTE CLASSICA
FACOLTA' DI LETTERE
SAPIENZA UNIVERSITA' DI ROMA

*Quarries and geology: quarrying techniques, organization, transport of stones,
new quarries, stone carving and dressing, hazards to and preservation
of quarries*

Chairman: S. Pike

9.00-9.15

S. Huelin, I. Rodà de Lanza, M. A. Gutiérrez Garcia, J. Lopez, A. Trullén
Can a fire be an opportunity to broaden our understanding
of a Roman quarry? The case of El Medol (Tarragona, Spain)
9.15-9.30

T. Kozelj, M. Wurch-Kozelj

Marble Bases, from unfinished shapes to sculpted artefacts in Thassos
9.30-9.45

N. Toma

Carving a Corinthian capital. A new proposal regarding the stages of
workmanship of the Corinthian capitals

9.45-10.00

M. Karambinis, L. Lazzarini

The Roman marble quarries of the islands of Rinia, Koulouri and Aliko,
(Skyros Greece)
10.00-10.15

M. Tsouli

New evidence on ancient quarrying activity at the Mani Peninsula,
southwestern Laconia, Greece
10.15-10.30

D.J.R. Williams

Prying into the Pediment: Nero's Parthenon
10.30-10.45 Discussion

10.45-11.15 COFFEE BREAK

Pigments and paintings on marble

Chairman: A. van den Hoek

11.15-11.30

J. Pollini

Some observations of the use of color on ancient sculptures,
contemporary scientific exploration, and exhibition displays
11.30-11.45

J.S. Ostergaard, A. Skovmoller, R.H. Therkildsen

The policromy of Roman polished marble portraits
11.45-12.00

E. Siotto, M. Callieri, M. Delle Piane, R. Scopigno

3D model of the sarcophagus of Ulpia Domnina: rendering
of stored ancient color and virtual revival of original polychromy
12.00-12.15 Discussion

*Special theme session: orders, repertoires and meaning of marble within the
public and the domestic circle from antiquity till post-antique time*

Chairman: M. Fisher

12.15-12.30

B. Burrell

Colored columns and cult of the emperors in Rome
12.30-12.45

M. Beltran Lloris, M. Cisneros Cunchillos, J. Paz Peralta

Marbles of Colonia Caesar Augusta (Provincia Hispania Citerior):
its meaning from the ancient excavation of theatre
12.45-13.00

C. Evers, N. Massar

Polychromy, Religion and Power: "The Forum of Alba Fucens"
13.00-13.15

C. Sfameni

Sculptural decoration in late antique villas in Italy:
contexts and new research perspective
13.15-15.00 LUNCH

15.00-15.15

A. D'Alessio, S. Luppino

A "new" giulio-claudian statuary cycle from *Copia-Thurii*.
Marble and power of images in an ancient city of *Brutium*
15.15-15.30

M.M. Sica

Fragments of architectures: the Tauriana marbles

15.30-15.45

K. Džin

From the quarry to the public monuments in roman Pula
through regional and provincial transport of stone and marble
15.45-16.00 Discussion
16.00-16.30 COFFEE BREAK

Applications to specific archaeological questions – use of marble

Chairman: C. Fant

16.30-16.45

A. Starac

The use of marble in the Roman Pula
16.45-17.00

V. Girardi Jurčić

Repertoires of stone and marble in the Roman residential villa
on Vižula near Medulin in Ager Polensis (Istria - Croatia)
17.00-17.15

M. Fischer

Marble for Palestine before the Roman era
17.15-17.30

D. Segal

The usage of marble and other imported stones on sites
of Hippos-Sussita and the bath at Hammat Gader (Gadare Thermae)
17.30-17.45

L. Laugier, P. Blanc

Provenance study of the white marbles for the exhibition "Macedonia"
in the Louvre
17.45-18.00

M. Chidiroglu

Small euboean quarries in local community markets
18.00-18.15

I. Mihajlovic, I. Miholjek

Shipwrecks with sarcophagi in the eastern Adriatic
18.15-18.30

M.B. Hollinshead

A waiting identity: Copenhagen's "Discophoros"
and its auxiliary support
18.30-18.45 Discussion

Saturday 26

8.30 Visit to Tivoli - Villa Adriana and Travertino quarries