

Natural Stones and Cultural Heritage promotion and preservation

II International Workshop on Heritage Stones - 5th-7th / 10 / 2021, Torino, Italy



Politecnico
di Torino



UNIVERSITÀ
DEGLI STUDI
DI TORINO



ASSOCIAZIONE NAZIONALE
INGEGNERI MINERARI
MEMBRO DELL'ORDINE DEI GEOLOGI E
DELL'INGEGNERIA TORINO



IUGS
Geobase
Heritage Stones



United Nations
Educational, Scientific and
Cultural Organization

Tuesday 05/10/2021

POLITO Castello del Valentino - Salone d'Onore

8.30 - 9.30:

Registration

9.30 - 10.00:

Welcome Speech

10.00 - 10.40:

Keynote: Lorenzo Lazzarini

THE RED IMPERIAL PORPHYRY: the history of use, quarries and petrology of the most important and ubiquitous stone of antiquity

10.40 - 11:00

Coffee break

11:00-13:00

SESSION Heritage stones from Europe: case studies

11:00

R. Bellopede*, [A. Merico](#), L. Zichella, A. Fiorucci, P. Marini

ITRIA VALLEY (Apulia, Italy): TECHNOLOGICAL PROPERTIES OF A LIMESTONE USED FOR TRADITIONAL BUILDING

11:20

T. Donigaglia, R. Cossio, R. Compagnoni, A.L. Ciuffreda, [M. Coli](#)

THE VERDE PRATO: AN HISTORICAL ORNAMENTAL STONE OF TUSCANY

11:40

L. Caulfield, P. N. [Wyse Jackson](#)

HERITAGE STONES FROM EUROPE: IRISH BLACK MARBLE

12:00

[Elena Storta](#), Alessandro Borghi, Luigi Perotti, Mauro Palomba, Angela Deodato

MINERO-PETROGRAPHIC CHARACTERIZATION OF STONE MATERIALS USED FOR THE ROMAN AMPHITHEATER OF EPOREDIA (IVREA, TO): A SCIENTIFIC-DISSEMINATION PROPOSAL IN THE CULTURAL HERITAGE

12:20

A. Bobrowska, [E. Jagoda](#), A. Domanik, G. Rzyński

THERMOMECHANICAL PROPERTIES OF DETRITAL LIMESTONE FROM THE NOWE BRUSNO TOWN (POLAND) USED IN ARCHITECTURE. PAST AND FUTURE

12:40

[Fabio Fratini](#), Silvia Rescic, Daniela Pittaluga

SERPENTINITE AND OPHICALCITE IN THE ARCHITECTURE OF EASTERN LIGURIA AND AS DECORATION OF TUSCAN RELIGIOUS BUILDINGS.

13:000 - 14:00

Light lunch

14:00-16:00

SESSION Historical Quarries: uses, protection , regulatory limits, resources

14:00

Tom Heldal

NON-ECONOMIC VALUE ASSESSMENT OF NATURAL STONE: EXAMPLE FROM NORWAY

14:20

[David M. Freire-Lista](#), Luis Sousaa, Martinho Lourençoa, Becerra Becerra J.

GRANITE OF PENA, VILA REAL: A HERITAGE STONE OF NORTHERN PORTUGAL

14:40

Á. Török

HISTORIC QUARRIES AND STONE RESOURCES – CONTROL FACTORS OF THE URBANIZATION OF A CITY, A TWO MILLENNIA HISTORY OF STONE USE IN BUDAPEST.

15:00

[Rafael Navarro](#), Javier Martínez-Martínez, Jorge Fernández-Suárez, Enrique Álvarez-Areces

ANALYSIS OF THE CURRENT UNEQUAL SITUATION OF THE BUILDING STONES AND HISTORICAL QUARRIES ASSOCIATED WITH THE UNESCO WORLD HERITAGE SITES OF SPAIN

15:20

[Valentina Cetean](#), Radu Fărnoagă, Emil Rusu, Antonio Ulmeanu, Ioan Scutelnicu, Filipciuc Constantina, Adrian Tătaru

RESEARCH TO DETERMINE THE LIMESTONE EXPLOITATION GEOMETRY IN THE DACIAN HISTORICAL QUARRY FROM MAGURA CALANULUI

15:40

Heiner Siedel

DISTRIBUTION OF HERITAGE STONES AND TRANSPORT: THE EXAMPLE OF ELBE SANDSTONE FROM SAXONY (GERMANY)

16:00

Massimo Coli

THE TURIN MINING PAPYRUS AND THE WADI HAMMAT NATURAL RESOURCES EXPLOITATION

16:15-16:30

Coffee break

16.30 - 19:00

TourinStones (geoturistic field trip in Turin)

19.00

Networking aperitif-dinner

Wednesday 06/10/2021

10.00 - 13.00:

Egyptian Museum visit

13:00 - 14:00

Light lunch (free)

POLITO Castello del Valentino - Salone d'Onore

14.00 - 14.30:

Keynote: Gurmeet Kaur

International Commission on Geoheritage and its Subcommittee with special reference to Subcommittee on Heritage Stones

14.30 -16.30

SESSION Heritage stones worldwide

14:30

Sharma and Cooper

NATURAL STONES IN HERITAGE CITIES IN INDIA.

14:50

Mateja Golež, Alenka Vidrgar, Franci Krevh, Matevž Bajde, Mihael Ramšak

THE SOUND OF STONE

15:10

G. Sorrentino, A. Lo Giudice, A. Re, L. Vigorelli, A. Borghi, L. Longo

THE (PRE)HISTORY CARVED IN STONES

15:30

M. H. B. O Frascá, N. F. Castro

BLUE SODALITE SYENITE OF BAHIA, BRAZIL, AN EXCLUSIVE ROCK TYPE

15:50

Nuria F Castro, Amanda Mozer, André Campos, R. P., Carla Félix, Kátia Leite Mansur, Rosana Elisa Coppedê Silva, Roberto Carlos C. C. Ribeiro

LEPTINITE GNEISS: THE HERITAGE STONE OF THE OLD TOWN, RIO DE JANEIRO, BRAZIL

16:10

J. Becerra, D. Freire, JP González

WEATHERING FORMS AND PETROPHYSICAL FEATURES OF PIEDRA BOGOTANA

16.30 - 17.00:

Coffee break

17.00 - 17.30:

Poster session

Piero Primavori

ROSSO VERONA MARBLE (ITALY): PROPOSED AS A CANDIDATE FOR "GLOBAL HERITAGE STONE RESOURCE".

Armando Quintas; Carlos Filipe

THE STUDY OF THE HERITAGE AND HISTORY OF THE MARBLE INDUSTRY: THE CASE OF ALENTEJO (PORTUGAL SARDINIAN GRANITOIDS: 4000 YEARS OF GEOHERITAGE AND DIMENSION STONES.

N. Careddu, S. Cuccuru, S.M. Grillo

Tuomas Sihvonen, Elena Panova , Maaret Paakkunainen , Mika Räisänen, Nike Luodes, Paavo Härmä , Satu-Pia Reinikainen

STUDY FOR SUPPORTINGRESTORATION ACTIVITIES OF (Pyterlite) RAPAKIVI GRANITE IN ST. PETERSBURG

F. Gambino*, L. Barale, A. Borghi, A. Cavallo, A. d'Atri, G. A. Dino, M. Giardino, L. Perotti, F. Piana

GEODATABASE OF PIEMONTE HERITAGE STONES QUARRY DISTRICTS

P. Härmä, O. Selonen

RED RAPAKIVI GRANITE (Pyterlite) FROM SOUTHEASTERN FINLAND - A FAMOUS NATURAL STONE OF VIROLAHTI

U. Storti, A. d'Atri, L. Martire

PIETRA DI VICO: GEOLOGY, PETROGRAPHY AND USE AS A HERITAGE STONE. EFFECTS OF THERMAL AGEING ON CALCARENITE FORM LIVORNO COAST (WESTERN TUSCANY).

A. Aquino, S. Pagnotta, M. Lezzerini

E. Panova, D. Vlasov, M. Zelenskaya, A. Vlasov, O. Rodina

G. Signori, M. Resmini, M. Pesenti

G. Signori

BIOLOGICAL WEATHERING OF GRANITE HERITAGE IN CITY ENVIRONMENT A STONE DIORAMA IN THE CENTRE OF BERGAMO

A HERITAGE STONE: THE CASE STUDY OF THE CEPPPO DI GRÉ (ITALY)

17.30 - 18:00

Conclusions

Thursday 07/10/2021

ore 9.30 -18:00

from POLITO Castello del Valentino: **Visit of Sacra di San Michele, Arch of Augustus in Susa and quarry**

Bus - lunch in typical osteria