



International Conference Lux et Lapis 2002 (Light and Stone)

Valtice (Czech Republic), October 12-14, 2002

organised by Academy of Fine Arts in Prague, Lux et Lapis Foundation,
and Charles University in Prague

Programme

Friday, October 11

18.00-21.00 arrival to Valtice, registration in the Apollon hotel

21.00 dinner, welcoming cocktail

Saturday, October 12

Session: Natural and artificial stone in architecture and landscape	
9.00-9.20	Lisa Cooke: Application of natural stone in the landscape. Chatsworth, home of the Cavendishes, including eleven Dukes of Devonshire, in the Peak District National Park of Great Britain
9.20-9.40	Gigliola Ausiello: Tow light instruments: stone and glass
9.40-10.00	JoAnn Cassar: Composition and properties of Malta's building stone: creating a database
10.00-10.20	Maria Gaetana Polichetti: The energy in ancient settlements. The case of Episcopio in Sarno (Italy)
10.20-10.40	coffee break
10.40-11.00	Christoph Franzen, Peter W. Mirwald: Application of natural stone in the architecture of historic monuments
11.00-11.20	Lisa Cooke: Application of natural stone in architecture. The shared passion for stone of William Spencer Cavendish, 6 th Duke of Devonshire and the lawyer, Faustino Corsi of Rome
11.20-11.40	Thomas Cramer, Klaus Germann, Volker Kästner, Peter Dulski, Hans-Wolfgang Hubberten: Provenance determination of marbles in the Berlin Collection of Classical Antiquities
12.00-13.00	lunch
13.30-13.50	Marina Šimunić Buršić, Stefano Cancelliere: The stone of the unique vaults of the cathedral of Šibenik
13.50-14.10	Anna Frangipane: The use of natural and artificial stone in the portals of the town of Udine (Italy)
14.10-14.30	Agostino Catalano, Valeria Gambardella: The stone facing and the Triumph Arch of Alfonso of Aragona in the Castel Nuovo of Naples
14.30-15.30	coffee break, poster session
Session: Stone characterisation	
15.30-15.50	Roberto Bruno, Gabriella Centorami: New technologies for ornamental stone advanced qualification
15.50-16.10	Angelica Frisa Morandini, Paola Marini, Lucia Manfredotti: Deterioration phenomena of building stones due to an improper use
16.10-16.20	Giuseppe Bonifazi, Luciano Massari: Combined digital spectrophotometric and imaging based techniques in sculptural stone characterisation
18.00-19.30	dinner
20.00-21.30	visit to vine cellar in Valtice castle, vine tasting

Sunday, October 13

Session: Stone cleaning and conservation	
8.30-8.50	John F. Asmus: Flashlamp cleaning of a pictograph on sandstone
8.50-9.10	Hatem Ahmed, Ákos Török, Andrzej Kadluczka, József Lőcsei: The effect of consolidating agents on porous limestones from Egypt, Hungary and Poland
9.10-9.30	John F. Asmus: LIBS-control of laser cleaning
9.30-9.50	Miroslava Gregerová, Pavel Pospíšil, Martin Rameš: Problems of conservation of <i>Lithothamnium</i> limestone parts of the basement of the Lednice greenhouse
9.50-10.00	coffee break
Session: Monuments in the Lednice-Valtice area and Leithakalk limestones	
10.00-10.20	Jiří Kotalík: Uniqueness of architectural and sculptural decoration of Lednice-Valtice landscape
10.20-10.40	Miroslava Gregerová, Pavel Pospíšil: Identification and classification of artificial building stones in Lednice and Valtice
10.40-11.00	Ákos Török: Leithakalk limestones in Hungary: an overview of weathering features and lithologies
11.00-11.20	Nikoletta Rozgonyi: Salt crystallization and formation of salt crusts on "Leithakalk" limestones
11.30-13.00	lunch
13.00-18.00	conference excursion to the Lednice-Valtice area – landscape, monuments, restoration Presentation of the restoration of the Colonnade near Valtice (by Prof. Petr Siegl) Lednice-Valtice landscape and monuments (by Prof. Jiří T. Kotalík) Iconography of monuments in Lednice-Valtice area (by dr. Venceslava Orlinski-Raidl)
18.00	conference dinner at Lednice castle



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Monday, October 14

Session: Monument and building stone weathering (case studies, experiments, diagnostics)	
8.30-8.50	Thomas Bidner, Manfred Platz: Wall-temperating-systems – possibilities and limits to the preservation of historic monuments
8.50-9.10	Amélia Dionísio, Luís Aires-Barros, M.J. Basto, F. Correia: Thermal waters and stone decay. The case of Caldas da Rainha Thermal Hospital (Portugal)
9.10-9.30	Inese Sidraba, Kyle Normandin, Giuseppe Cultrone, Michael J. Scheffler: Climatological and regional weathering of Roman travertine
9.30-9.45	coffee break
9.50-10.10	Suzanne Raynaud, J.L. Seidel, C. Emblanch, G. Vignard and J.Y. Gall: A natural hardening under the polychromatic layer. The stone retable of the Narbonne cathedral (SW France)
10.10-10.30	Camilla Sansone: Stone portals in Naples ancient centre: degradation and maintenance
10.30-10.50	Flavia Fascia, Renato Iovino, Daniela Marinelli, Nello Migliaccio: Staircases in the ancient centre of Naples: typological classification and degradation pathologies
10.50-11.10	Arlindo Begonha: Stone deterioration in granitic monuments in northwest Portugal
11.10-11.30	Joan A. Walsh: Weathering of natural stone: roofing slates
11.45-13.00	lunch
13.00	Bus departure to Prague, expected arrival to the Ruzyně airport at 17.30, then transport to the hotel (for those participants staying in Prague longer)

Posters

Ludwik Domka, Maciej Kozak, Anna Kozak: Physicochemical and microbiological studies of mortars of St. Nicholas church in Giecz (Poland)

Anthimos Georgiadis, Elena Sergeev: New intelligent machining technology for customer oriented production of natural stone

Miroslava Gregerová, Pavel Pospíšil: Nitrocellulose paint (Graffiti) penetration into often used types of sandstone in Moravia and Silesia regions

Sándor Kelemen, Ákos Török: Weathering features of Leithakalk-type building and ornamental stones, St. Michael Church (Transsylvania, Romania)

Richard Prikryl, Jiřina Svobodová: “Leithakalk” limestones in the Czech Republic: natural occurrences, properties and applications

Richard Prikryl, Jiřina Svobodová, Petr Siegl: Historical dimension stones in the Czech Republic

Roberto Solimene: The recover and the durability of tuff-wall elements: the study case “De Londres hotel” in Municipio square in Napoli

Balasz Vásárhelyi: Sensitivity of petrophysical constants to changes in water content for sandstones

Accompanying person programme

Friday, October 11

Same as ordinary participants

Saturday, October 12

Whole day visit to Mikulov

Sunday, October 13

Morning – visit to Břeclav

Afternoon and evening – same as ordinary participants

Monday, October 14

Morning – free