







Nel rispetto delle norme **anti-Covid** sono disponibili solo **40** posti.

Green Pass obbligatorio

In compliance with **anti-Covid** rules only **40** seats are available.

Green Pass required

DIRETTA FACEBOOK

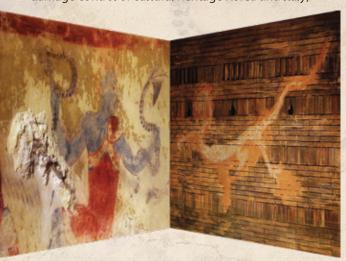
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INTERNATIONAL WORKSHOP OF A JOINT RESEARCH PROJECT

(Research of conservation environment and eco-friendly damage control of cultural heritage Korea and Italy)



Biological Risk for Hypogea: Shared Data among Italy and Republic of Korea

Tarquinia 12nd November 2021
Biblioteca Comunale, V. Cardarelli, via Umberto I°, 34

PROGRAM

- 10.00 Greetings from the authorities
- **10.20 Caneva G.** (Univ. Roma Tre) *Biological risks for hypogeal tombs: a review from international literature and new contributions*
- 10.40 **Chung Y. J.** (Korea National University of Cultural Heritage) *Microbial risk of Goguryeo Tomb Murals in North Korea and international cooperation plan for conservation.*
- 11.00 Maras D.F. Cecchini A. (Soprintendenza Archeologia, Belle Arti e Paesaggio per la provincia di Viterbo e l'Etruria Meridionale Associazione Amici delle tombe dipinte di Tarquinia) Protection and conservation of the Etruscan painted tombs of Tarquinia (UNESCO Heritage site): previous experience, current necessities and future expectations.
- 11.20
- 11.35 Coffee break
- 11.35 Lee H.S. (Konkuk University) Manufacturing
 Technology and Material of Ancient Murals in Korea.
- 11.55 **Yu Y. G.** (Konkuk University) Degradation According to the Material Properties of Ancient Murals in Korea
- 12.15 Lee H. J. (Korea National University of Cultural Heritage) In vitro trials: detrimental potential, trials of compatibility between bacterial and fungal species, and antimicrobial activity of green biocides on Italian and Korean biodeteriogens.
- 12.35 **Park J. H.** (National Research Institute of Cultural Heritage) A study on the microclimate characteristics and microbial diversity for preser vation of Seokbinggo (ice storage made of stone).
- **12.55 Bartoli F.** (Roma Tre University) *Comparative* evaluation of Antimicrobial activity of green biocides on infected substrata reproducing original materials of Italian.
- 13.15 **Casanova A.** (Roma Tre University) *Interference* tests of green biocides for application on mural painting of Italian and Korean hypogean

- 13.35
- 14.30 Lunch break
- **14.30 Isola D.** (Roma Tre University) Roots damages in Etruscan tombs and biomolecular tools for their identification.
- **14.50 Rinaldi T.** (Univ. Sapienza) *Microbial communi* ties in the hypogeal Etruscan tombs in Tarquinia, protection and biodeterioration of frescoes
- **15.10 Bruno L.** (Univ. Tor Vergata) *Biological colonization of Roman Catacombs and other confined stone monuments: characterization and control methods*
- **15.30 Zucconi L.** (Tuscia University, Viterbo) *Black* fungi in Etruscan tombs of Tarquinia: new findings from different tombs
- 15.50
- 16.30 General Discussion and Closing of the works

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