

| [T1H] Session H. Radiation in Cultural Heritages | |
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| Date / Time | December 8 (Thu.), 2022 / 13:00-14:40 |
| Place | S301+S302 (3F) |
| Chairpersons | Prof. Min Su HAN (NUCH) Dr. Young Rang UHM (KAERI) |

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| T1H_01 | [INVITED] | 13:00-13:20 |
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Utilization of Radiation Technology in the Conservation Science of Cultural Heritage

Min-Su Han

Korea National University of Cultural Heritage, Republic of Korea

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| T1H_02 | | 13:20-13:40 |
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Provenance Study on Korea Traditional Ceramics by NAA

Gyuhoo Kim

Kongju National University, Republic of Korea

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| T1H_03 | | 13:40-14:00 |
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Application of Mössbauer Spectroscopy on the Korean Cultural Heritages: Pigment, Neolithic Tools and Goryoceladon

Young Rang Uhm¹, Hyunkyung Choi¹, Jaegi Lee¹, Gwang-Min Sun¹, Chul Sung Kim²

¹Korea Atomic Energy Research Institute, Republic of Korea, ²Kookmin University, Republic of Korea

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| T1H_04 | | 14:00-14:20 |
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TL/OSL Signal Characteristics According to Types of Porcelain and Firing Temperature

Jae Won Choi^{1,2}, Bom Sok Kim¹, Myung Jin Kim¹, Min Su Han²

¹RADPION Inc., Republic of Korea, ²Korea National University of Cultural Heritage, Republic of Korea

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| T1H_05 | | 14:20-14:40 |
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A Comparative Study on the Production and Provenance of Khmer Stoneware through Analysis of Rare Earth Components - Focusing on the Sherds Excavated from Preah Pithu -

Ho-Il Choi, Min-Soo Han

Korea National University of Cultural Heritage, Republic of Korea