

LXX International conference "NUCLEUS – 2020. Nuclear physics and elementary particle physics. Nuclear physics technologies"

Monday, October 12, 2020

Section 9. Nuclear-physical methods in the study of cultural heritage objects (3:30 PM - 6:40 PM)

time	[id] title	presenter
3:30 PM	[M77] MINERALOGICAL AND CHEMICAL COMPOSITION OF PREHISTORIC CAVE PAINTINGS AND PICTOGRAPHS (SOUTHERN URALS, RUSSIA) BY ENERGY DISPERSIVE X-RAY MICROANALYSIS	KISILEVA, D.
3:55 PM	[M78] X-RAY, SYNCHROTRON AND NEUTRON IMAGING OF METAL ARTIFACTS FROM THE BLACK GRAVE MOUND	KOVALENKO, E.S. TERESCHENKO, E.Yu.
4:20 PM	[M81] $^{87}\text{Sr}/^{86}\text{Sr}$ ISOTOPE RATIO DETERMINATION IN BIOAPATITE BY MC-ICP-MS USING THE SSB TECHNIQUE FOR ARCHAEOLOGICAL PROVENANCE STUDIES	OKUNEVA, T.
4:45 PM	Coffee break	
5:00 PM	[M84] LEAD ISOTOPE ANALYSIS OF THE BRONZE AGE METAL FROM THE STEPPE CIS- AND TRANS-URALS	SOLOSHENKO, N.
5:25 PM	[M83] PROVENANCE OF METAL ARTEFACTS OF THE LATE BRONZE AGE FROM THE SOSNOVAYA MAZA HOARD BY MC-ICP-MS LEAD ISOTOPE ANALYSIS	SHISHLINA, N.I.

Saturday, October 17, 2020**Section 9. Nuclear-physical methods in the study of cultural heritage objects (2:10 PM - 5:05 PM)**

time	[id] title	presenter
2:10 PM	[M67] Cutting metal into perfect 100-300 nm strips in the 16-17th centuries	Mr SPIRIDONOV, Juri
2:35 PM	[M82] THE ELEMENTAL COMPOSITION AND CHRONOLOGY OF THE SICKLES FROM THE SOSNOVAYA MAZA HOARD OF THE LATE BRONZE AGE	SHISHLINA, N.I.
3:00 PM	[M76] TOWARDS A MULTI-PROXY BIOAVAILABLE STRONTIUM ISOTOPE BASELINE FOR THE ORENBURG REGION, RUSSIA	KISILEVA, D.
3:25 PM	[M75] PROVENANCE OF THE LEAD DETECTED IN THE ANTIQUE CERAMIC SCULPTURE FROM THE KERCH BAY	GRESHNIKOV, E.A.
3:50 PM	[M80] RED WAX SEALS: RECONSTRUCTION OF HISTORICAL TECHNOLOGY	NOSOVA, E.I.
4:15 PM	[M44] INVESTIGATION OF THE CULTURAL HERITAGE ITEMS BY NEUTRON RESONANCE CAPTURE ANALYSIS	Mr YERGASHOV, Almat