

# Sounds as Material Culture: Experimental Archaeology and Ethno-Archaeology

## 11th ISGMA Conference

1–5 November 2021 — Humboldt Forum Berlin

### Programme

#### Monday, November 1st

13:00– 14:00	Arrival & Registration	Klangwerkstatt
14:00– 14:30	Welcome	Stefan Hagel, Lars-Christian Koch, Maurice Mengel, Dahlia Shehata
14:30– 16:00	1ST SESSION	<p><b>TRENDS IN MUSIC ARCHAEOLOGY</b> CHAIR: STEFAN HAGEL</p> <p><b>Fāng Jiànjūn 方建军</b> <b>ONLINE</b> Experimental Restoration and Reconstruction in Music Archaeology</p> <p><b>José Pérez de Arce</b> <b>ONLINE</b> Archeo-Musicology in South America: Goals, Resonance and Future</p> <p><b>Anna Gruszczyńska-Ziółkowska</b> The Acoustic Space Beyond the Human Sound Horizon</p>
16:00– 16:30	Coffee break	
16:30– 18:00	2ND SESSION	<p><b>EXPERIMENTAL MUSIC ARCHAEOLOGY</b> CHAIR: A. ADJE BOTH</p> <p><b>Wang Zichu</b> <b>ONLINE?</b> The Development of Experimental Music Archaeology in China</p> <p><b>André Schlauch</b> Practical Experiment: Exploring the Differences of Sounds with Different Bottoms on Beycesultan-type Clay-Drums</p> <p><b>Gjermund Kolltveit</b> Palaeolithic Strings? Experimental Approaches</p>
18:00– 19:00		<p><b>POSTER PRESENTATIONS</b> CHAIR: MAURICE MENGEL</p> <p><b>Péng Xiǎoxī 彭小希</b> Dancing Image System of Ancient Asian Bronze Drums</p> <p><b>Heidi Köpp</b> The Very Earliest Music in Ancient Egypt from the 5th Millennium to the Middle of the 3rd Millennium BC</p> <p><b>Lubos Chroustovsky</b> Did They Make Them All in Pottery? On the Possible Wooden Drums in Stone-Age Europe</p> <p><b>Ireneusz Czajka / Katarzyna Tatoń</b> The Rattles from Szadek: Acoustic Research with the Use of Numerical Sound Reconstruction</p> <p><b>Gjermund Kolltveit</b> Norwegian Ringing Stones</p>

**Tuesday, November 2nd**

<b>09:00– 10:30</b>	<b>1ST SESSION</b>	<b>INSTRUMENT STUDIES: AEROPHONES AND IDIOPHONES</b> <b>CHAIR: CAJSA S. LUND</b> <b>Susanne Münzel, Gabriele Dalferth, Wulf Hein, Barbara Spreer, Hannes Wiedmann, Anna Friederike Potengowski</b> Current Research on the Forty-Thousand Years Old Palaeolithic Wind Instruments of the Swabian Jura (SW-Germany) <b>Marco Sciascia</b> <b>ONLINE</b> An Egyptian Singlepipe with Two Thumb Holes Found in the Ruins of Panopolis in 1888 and Studied by Victor Loret <b>Beate Maria Pomberger</b> Metallic Idiophones between 800 BC and AD 800 in Central Europe – Their Function and Acoustic Influence in Daily Life	<b>KLANGWERKSTATT</b>
10:30– 11:00	<i>Coffee break</i>		
<b>11:00– 12:30</b>	<b>2ND SESSION</b>	<b>INSTRUMENT STUDIES: AEROPHONES</b> <b>CHAIR: ANNA GRUSZCZYŃSKA-ZIÓLKOWSKA</b> <b>Christophe Vendries / Patrice Herbin</b> <b>HALF ONLINE</b> The Discovery of a new Gallo-Roman Trumpet on the Forum of Bavay <b>Raquel Jimenez</b> Celtiberian Clay Trumpets (2nd - 1st c. BC): Between Celtic Europe and the Mediterranean <b>Mark Howell</b> Pre-Columbian Maya Trumpets	
12:30– 14:00	<i>Lunch</i>		
<b>14:00– 15:30</b>	<b>3RD SESSION</b>	<b>INSTRUMENT MAKING ANCIENT AND MODERN</b> <b>CHAIR: DANIELA CASTALDO</b> <b>Sibylle Emerit / Susanna Schulz / Ricardo Eichmann</b> Lost Context: Challenges Facing Experimental Reconstruction of the Egyptian Angular Harp (Louvre Museum N 1441) <b>Chrēstos Terzēs</b> Some Thoughts on the Structure and Function of the Megara auloi <b>Sylvain Perrot</b> The Organization of Instrument Making Workshops in Ancient Greece: Written Sources and Archaeological Data	
15:30– 16:00	<i>Coffee break</i>		
<b>16:00– 17:00</b>	<b>4TH SESSION</b>	<b>INSTRUMENT STUDIES: AEROPHONES</b> <b>CHAIR: RAQUEL JIMENEZ</b> <b>Joachim Schween / Thorsten Helmerking</b> Casting Bronze Lurs: New Considerations on an Old Problem <b>Daniela Castaldo</b> An Unusual Roman Brass Instrument from Voghenza (Ferrara, Italy)	
17:00– 17:30	<i>Break</i>		
<b>17:30– 18:30</b>	<b>5TH SESSION</b>	<b>ETHNOGRAPHIC MUSICARCHAEOLOGY AND SOUND MAPPING</b> <b>CHAIR: OLGA SUTKOWSKA</b> <b>Gloria London (/ Andreas Georgiades)</b> <b>ONLINE</b> Ethnoarchaeological Evidence of Cracked Pots Reused as Sound Enhancers in Cypriot Early 20th Century Churches <b>A. Adje Both</b> Teotihuacan Sound Mapping: Exploring the Sonic Sphere of the City of the Gods, Mexico	
<b>20:00– 22:00</b>		<b>Public Concert</b> Egyptian Lutes (Hussien Mahmoud and Dahlia Shehata) Harp playing techniques (Nancy Thym and Njamy Sitson)	

**Wednesday, November 3rd**

<b>09:00– 10:30</b>	<b>1ST SESSION</b>	<b>INSTRUMENT STUDIES: ORGAN AND IDIOPHONES</b> <b>CHAIR: ANDREAS HAUG</b>	<b>KLANGWERKSTATT</b>
		<p><b>David Catalunya</b> The 12th-Century Organ and Bell Carillon of the Nativity Church in Bethlehem</p> <p><b>Lucy-Anne Taylor</b> The Early Medieval Organ</p> <p><b>Annemies Tamboer ONLINE</b> Roman Iron Age Ceramic Rattles from The Netherlands: Sound Tools, Amulets, Votive Objects?</p>	

	<b>WORKSHOP SLOT 1</b>	<b>KLANGWERKSTATT</b>	<b>WORKSHOP SLOT 2</b>	<b>MUSEUM ISLAND</b>
<b>11:00– 12:30</b>	<p><b>Anna Friederike Potengowski, Wulf Hein, Barbara Spreer, Gabriele Dalferth, and Susanne C. Münzel</b> Reconstructions of Palaeolithic Melodic Wind Instruments – Variability of Shape, Sound and Performing Practice.</p>		<p><b>11:00– Dahlia Shehata</b> <b>11:45</b> Accessing Museum Artefacts I: Ancient Near Eastern Whistles and Idiophones</p>	
12:30– 14:00	<i>Lunch</i>		<p>11:45– <i>Break</i> 12:30</p> <p><b>12:30– Dahlia Shehata, Stefan Hagel</b> <b>13:30</b> Accessing Museum Artefacts II: Altes Museum</p>	
<b>14:00– 15:30</b>	<p><b>Anna Friederike Potengowski, Wulf Hein, Barbara Spreer, Gabriele Dalferth, and Susanne C. Münzel</b> Reconstructions of Palaeolithic Melodic Wind Instruments – Variability of Shape, Sound and Performing Practice.</p>		<p><b>13:30– Stefan Hagel, Dahlia Shehata</b> <b>14:30</b> Accessing Museum Artefacts III: Neues Museum</p>	
15:30– 16:00	<i>Coffee Break</i>		<p>14:30– <i>Lunch Break</i> 15:30</p> <p><b>15:30– Stefan Hagel, Dahlia Shehata</b> <b>16:30</b> Accessing Museum Artefacts IV: “Science battle”: Reconstructing the Ancient Greek Kithara with Special Guest <b>Ralf Gehler</b></p>	
<b>16:00– 17:30</b>	<p><b>Anna Friederike Potengowski, Wulf Hein, Barbara Spreer, Gabriele Dalferth, and Susanne C. Münzel</b> Reconstructions of Palaeolithic Melodic Wind Instruments – Variability of Shape, Sound and Performing Practice.</p>		<p><b>16:30– Dahlia Shehata, Stefan Hagel</b> <b>17:30</b> Accessing Museum Artefacts V: Egyptian Harps and Lyres</p>	
<b>18:00– 18:30</b>	<b>Workshop Presentations</b>			<b>KLANGWERKSTATT</b>

**Thursday, November 4th**

09:00–10:30	1ST SESSION	<b>INSTRUMENT STUDIES: AEROPHONES</b> <b>CHAIR: DAHLIA SHEHATA</b> <b>KLANGWERKSTATT</b>
10:30–11:00	Coffee break	<b>Reem Shakweer / Mohamed Maged / Abdulbasset Hatab</b> Military and Processional Music in Ancient Egypt: Reconstructions of the Egyptian Metal Barrel Drum – Tutankhamun Trumpet  <b>Olga Sutkowska</b> The Oxus and Meroë Auloi: Charting the Edges of the Hellenic Musical Culture  <b>Cajsa S. Lund</b> About Buzz Disks and Buzz Bones – an Ethno-musicarchaeological Study
11:00–12:30	2ND SESSION	<b>INSTRUMENT STUDIES: CHORDOPHONES</b> <b>CHAIR: GJERMUND KOLLTVEIT</b>
12:30–14:00	Lunch	<b>Felipe Aguirre Quintero ONLINE</b> Physical, Iconographic and Symbolic Features of the Plectrum: Some Reflections on Sound Production in Ancient String Instruments  <b>Gabriela Currie</b> Steppe Harps and Shamans: Archaeological Context, Morphology, and Function  <b>Wáng Xīdān 王希丹 ONLINE</b> The Study and Reconstruction Concept on the Remains of Plucked Instruments Unearthed from the Tomb of Princess Honghua in Wuwei, Gansu Province, China
14:00–15:30	3RD SESSION	<b>INSTRUMENT STUDIES: IDIOPHONES</b> <b>CHAIR: MARK HOWELL</b>
15:30–16:00	Coffee break	<b>Monika Ciura</b> The Most Prestigious Maya Instrument. Investigation of Rattles in the Maya Culture of the Classic Period  <b>Rasha Shehata / Eman Elbably</b> The Role of the Sistrum in Ancient Egypt: Hathor's Sistrum: Reconstructing a Metal Sistrum at the Egyptian Museum  <b>Christoph Louven</b> The 'talempong batu' Lithophone of Talang Anau (West Sumatra) and its Astonishing Tuning
16:00–17:30	4TH SESSION	<b>MUSIC IN ETHNOLOGICAL AND HISTORICAL PERSPECTIVES</b> <b>CHAIR: GABRIELA CURRIE</b>
17:30–17:45	Short Break	<b>James Lloyd</b> (New) Materialism and the Music of Roman Britain  <b>D. Restani / D. Castaldo / S. Emerit / S. Perrot / Ch. Vendries / A. Vincent</b> RIMAnt: A French-Italian Database of Remains of Ancient Musical Instruments  <b>Sam Mirelman ONLINE</b> Ancient Assyrian Vocal Technique in Ethno-Archaeological Perspective
17:45–18:45	5TH SESSION	<b>SOUNDSCAPES AND SOUND ARCHAEOLOGY</b> <b>CHAIR: MAURICE MENGEL</b>
		<b>Jutta Günther / Florian Leitmeir</b> Reconstructing Roman Soundscapes: Music and Sound(s) in Urban Spaces  <b>Rupert Till ONLINE</b> Digital Phenomenology in Sound Archaeology
20:00–22:00	<b>Experimental Music Session of Conference Participants (Klangwerkstatt)</b>	

**Friday, November 5th**

09:00– 09:45	<b>General Meeting</b>		KLANGWERKSTATT
09:45– 10:00	Short Break		
10:00– 11:30	<b>1ST SESSION</b>	<b>FINDS AND EXPERIMENTAL SOUND INVESTIGATIONS</b> <b>CHAIR: RICARDO EICHMANN</b>  <b>Fang Xueyang ONLINE</b> The Soundscape in Prehistoric China: An Ethnographic Analogy on Musical Instruments Found in Taosi Cemetery  <b>Riitta Rainio / Kristiina Mannermaa ONLINE</b> Prehistoric Pendants as Instigators of Sound and Body Movements: Traceological Analysis of the Eurasian Elk (Alces) Incisors from Hunter-Gatherer Burials, Northeast Europe, circa 8200 cal. BP  <b>Dorota Popławska / Jerzy Sikora ONLINE</b> A Medieval Key for Tuning String Instruments from Ostrowite in Eastern Pomerania (Poland)	
11:30– 12:00	Coffee Break		
12:00– 13:30	<b>2ND SESSION</b>	<b>ICONOGRAPHY</b> <b>CHAIR: LARS-CHRISTIAN KOCH</b>  <b>Ingrid Furniss ONLINE</b> ‘Chinese’ Lutes in the Shosoin Collection of Nara, Japan: A Case Study of the Trade of Instruments, Materials, and Iconography  <b>Angeliki Liveri ONLINE</b> Playing a Musical Instrument in Classical Athens. Representations on Red-Figure Vases  <b>Fabio Vergana Cerqueira ONLINE</b> The ‘Apulian Sistrum’ on the Italiote Vase-Painting: Searching Contexts of Musical Performance (4th century B.C.)	
13:30– 14:30	Lunch		
14:30– 16:00	<b>Humboldt Forum Tour</b>		