



The Future in the Stars: European Astroculture
and Extraterrestrial Life in the Twentieth Century

This workshop examines the fundamental role of technology, craft skills, and situated knowledge for realizing outer space and space exploration in sonic forms that resonate through physical, perceptual and imaginary worlds. Focusing on the period extending from the late 1940s to 1980, *Sounds of Space* explores the ways in which sonic technologies, sound and music production, soundscapes, mass media and listening practices have shaped and been shaped by knowledge and understanding of outer space.

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Sounds of Space



30 November and 1 December 2012
Henry Ford Building | Berlin

Program

Friday, 30 November 2012

09:00 – 09:10	ALEXANDER C.T. GEPPERT (Berlin) Welcome	
09:10 – 09:30	WILLIAM R. MACAULEY (Berlin) Introduction: <i>Venturing into Sounds of Space during the Postwar Period</i>	
09:30 – 10:30	JAMES WIERZBICKI (Sydney) Keynote: <i>The Imagined Sounds of Outer Space</i>	
10:30 – 11:00	Coffee	
11:00 – 12:30	Panel I: Sounds of Space in Art and Opera Chair: CLAUDIA SCHMÖLDERS (Berlin) TATJANA BÖHME-MEHNER (Leipzig) <i>Outer Space and Space Travel in Pierre Schaeffer's "La Coquille à planètes"</i> JOHAN STENSTRÖM (Lund) <i>The Significance of Electronic Music in the Space Opera "Aniara"</i>	
12:30 – 13:30	Lunch	
13:30 – 15:00	Panel II: The Human Voice and Sounds of Space Chair: MATTHIAS SCHWARTZ (Berlin) KONSTANTIN KAMINSKIJ (Konstanz) <i>The Voices of the Cosmos: Electronic Synthesis of Special Sound Effects in Soviet vs. American Science Fiction Movies from Sputnik 1 to Apollo 8</i> TIM BOON (London) <i>Music for Spaces – Music for Space</i>	
15:00 – 15:30	Coffee	
15:30 – 17:00	Panel III: Synthesizing Sounds of Space Chair: PETER MOORMANN (Berlin) TREVOR PINCH (Ithaca, NY) <i>Inner Space and Outer Space: How the Early Electronic Music Synthesizer Took Us There</i> AXEL VOLMAR (Siegen) <i>Cosmic Symphonies: Electronic Music Culture, Analog Synthesizers, and the Birth of Superstring Theory in the 1970s</i>	
17:00 – 17:30	Coffee	
17:30 – 18:00	Performance ELIAD WAGNER (Berlin) <i>Crossing Streams: Instant Composition Using the Sound Vocabulary of Science Fiction</i>	
19:30	Dinner	

Saturday, 1 December 2012

09:00 – 10:30	Panel IV: Sounds of Space in Popular Music Chair: KLAUS NATHAUS (Bielefeld) MICHAEL MOORADIAN LUPRO (Portland, OR) <i>"Just my Job, Five Days a Week:" Soundscapes of Space Labor in Apollo Era Pop Music</i> CATHLEEN LEWIS (Washington, DC) <i>Okudzava and Scott-Heron: The Social Critique Soundtrack of the Space Race</i>	
10:30 – 11:00	Coffee	
11:00 – 12:30	Panel V: Sonification of Outer Space Chair: DANIEL BRANDAU (Berlin) ALEXANDRA SUPPER (Maastricht) <i>Eerie Whistling and Tribal Cosmic Heartbeats: The Silencing of Craft Skills in the Sonification of Astrophysics</i> PAWEŁ FRELIK (Lublin) <i>Dark Transmissions: Cosmic Visions in Contemporary Music</i>	
12:30 – 13:30	Lunch	
13:30 – 15:00	Panel VI: Intelligent Sounds from Outer Space Chair: ALEXANDER C.T. GEPPERT (Berlin) KLARA ANNA CAPOVA (Durham) <i>Listening to the Sounds of Silence</i> STEFAN HELMREICH (Cambridge, MA) <i>Listening Through Alien Ears to the Voyager Interstellar Record</i>	
15:00 – 15:30	Coffee	
15:30 – 16:30	Closing Session Chair: WILLIAM R. MACAULEY (Berlin)	

