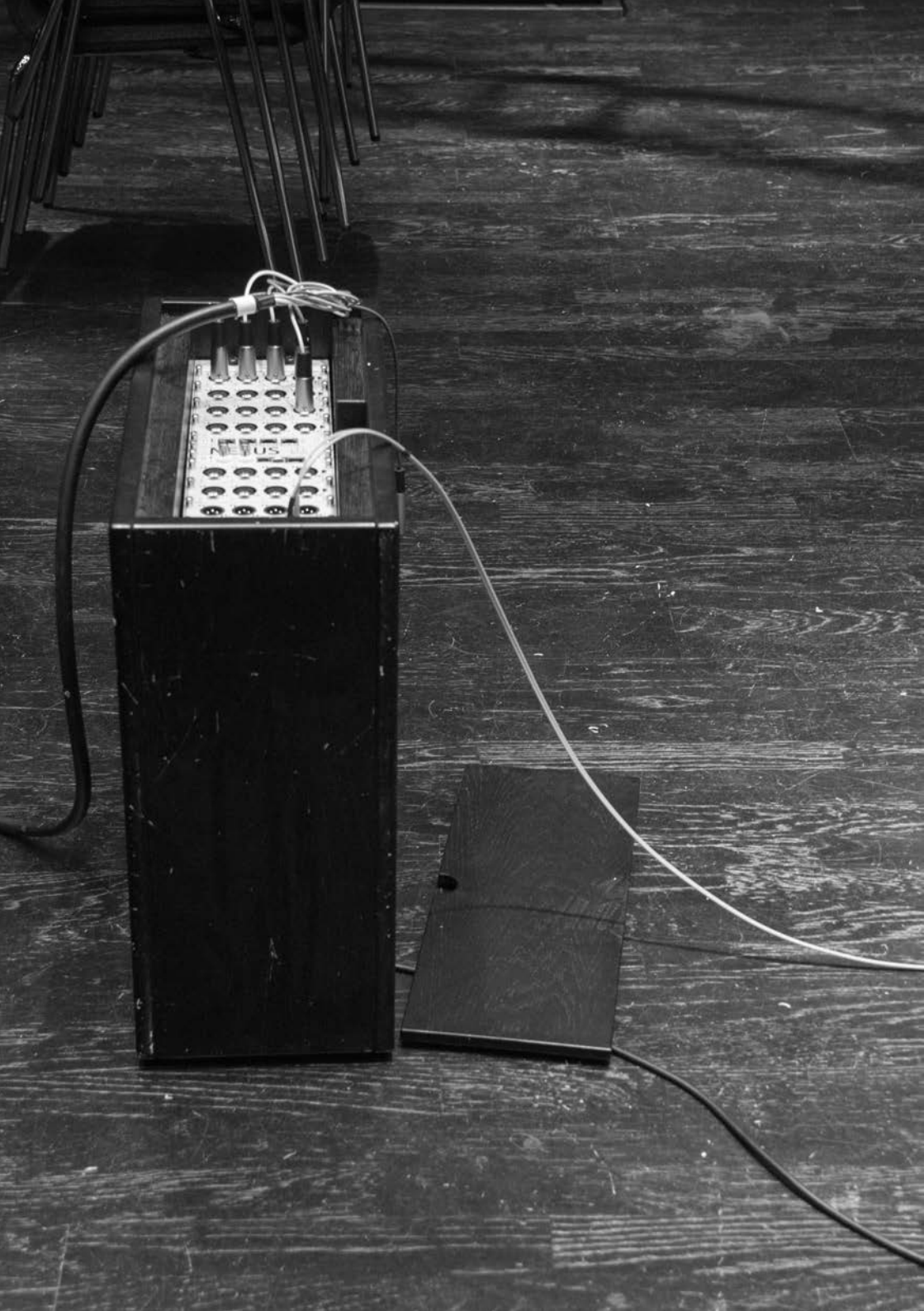
Between 2019
8-13 November



Between 2019

Festival for Art, Science & Technology 8-13 Nov

Digital Creativity | Artistic Research | Spatialisation | AI
Concerts, presentations, installations, workshops and exhibitions.

Free entrance, open to all. Ticket reservation at www.kmh.se

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Between 2019 is part of the EU project EASTN-DC – a large European network with festivals and residencies around Europe 2017-2021.

All information for each event (abstracts, program notes, bios, etc) is available on the website: **between2019.org**

Kungl. Musikhögskolan / Royal College of Music in Stockholm
www.kmh.se

www.eastndc.eu

Between 2019 – nykomponerad elektroakustisk musik i immersiva ljudsystem

Kungliga Musikhögskolan i Stockholm bjuder in till internationell festival 8-13 november 2019.

Internationella och svenska forskare, musiker, tonsättare och konstnärer samlas tillsammans med studenter från KMH för att presentera en festival för konst, vetenskap och teknologi. Över femtio nya verk med musiker, elektronik och projektioner spelas i konsertsalarna. Musiken ljuder även över KMHs foajé och gård, spatialiserad för många högtalare i immersiva ljudsystem. Fokus på digital kreativitet, konstnärlig forskning, spatialisering och artificiell intelligens öppnar upp för experimentella utforskningar och oväntade kopplingar. Sex intensiva dagar med mängder av konserter, installationer, presentationer, workshops och utställningar. Öppet för alla – fri entré och biljettbokning på kmh.se. Välkomna!

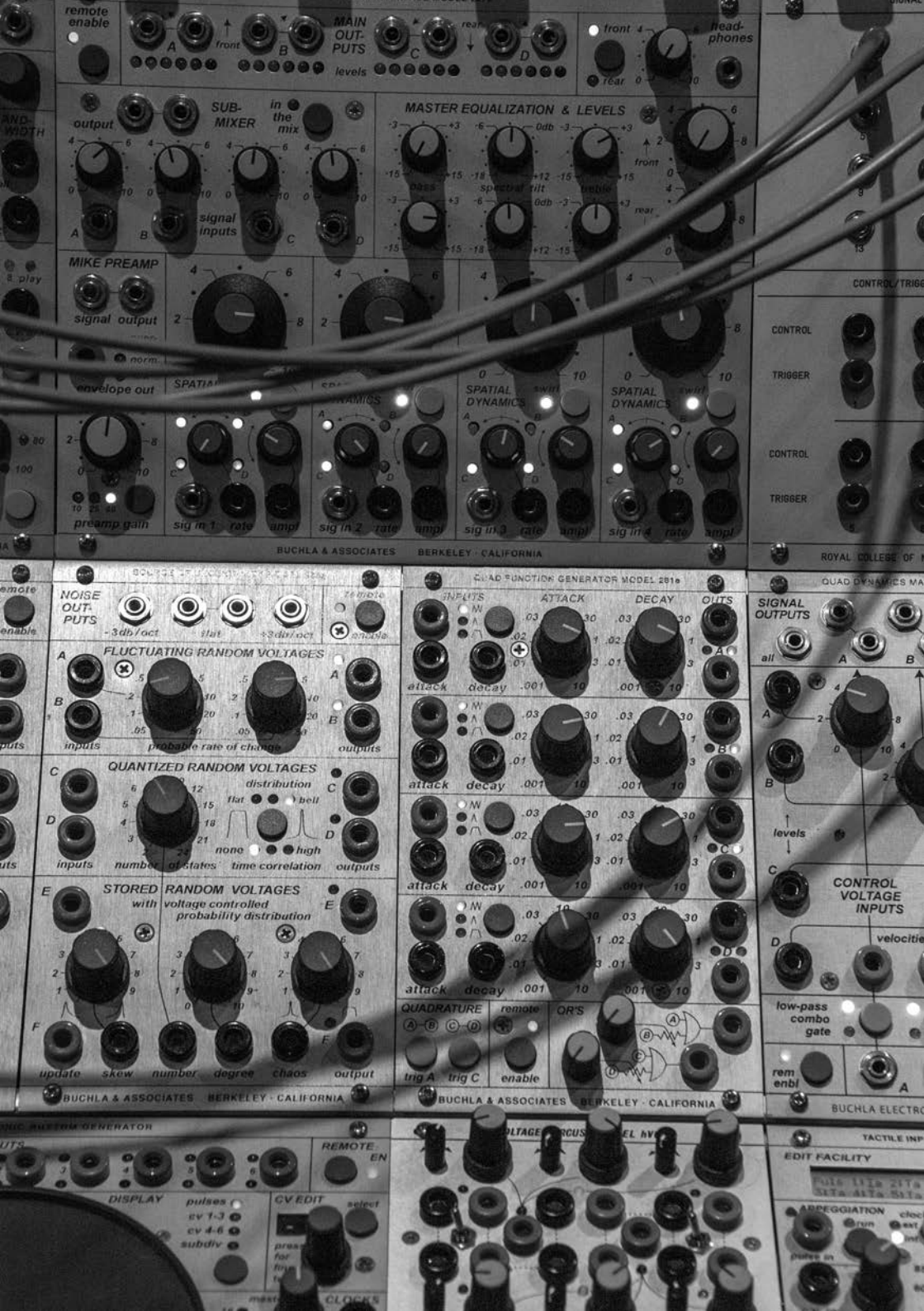
Festivalen Between 2019 arrangeras som del i EU-projektet European Art Science Technology Network for Digital Creativity (EASTN-DC), ett nätverk med sjutton partners i Europa, USA, Kanada och Brasilien med stöd av the Culture Program of the European Union 2017-2021.

Between 2019 – new electroacoustic music in immersive sound systems

The Royal College of Music in Stockholm (KMH) opens its doors for an international festival November 8-13 2019.

Researchers, musicians, composers and artists, both international and Swedish, will gather together with students from KMH to present a festival of art, science and technology. Over fifty newly composed works with musicians, electronics and projections will be performed in the concert halls. The music will also sound from the foyer balconies as well as outside in KMH's courtyard, spatialised for multiple loudspeakers in immersive sound systems. The focus on digital creativity, artistic research, spatialisation and artificial intelligence opens up for experimental explorations and unexpected connections. Six intense days with numerous concerts, installations, presentations, workshops and exhibitions. Open to all – free entrance and ticket reservation at kmh.se. Welcome!

The festival Between 2019 is produced as part of the EU project European Art Science Technology Network for Digital Creativity (EASTN-DC), a network with seventeen partners in Europe, USA, Canada and Brazil supported by the Culture Program of the European Union 2017-2021.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ARPEGGIATION

Festival Schedule – Friday 8 Nov

12.30-13.15 – Lilla salen
Concert 1: KMH students

Aleksandra Joanna Slyz: *Micro error code* (2019) 6’ 00”

Adele Marcia Kosman: *Dancemusic* (2019) 7’ 20”

Mikael Lindblad Ehnborg: *Kitezh Bells* (2018) 8’ 20”

Brenda El Rayes: *Al Hayat* (2019) 6’ 00”

Rikard Vilhelm Lindell: *Mental Landscapes* (2018) 8’ 31”

Adam Eriksson: *Gitanjo* (2017) 10’ 00”

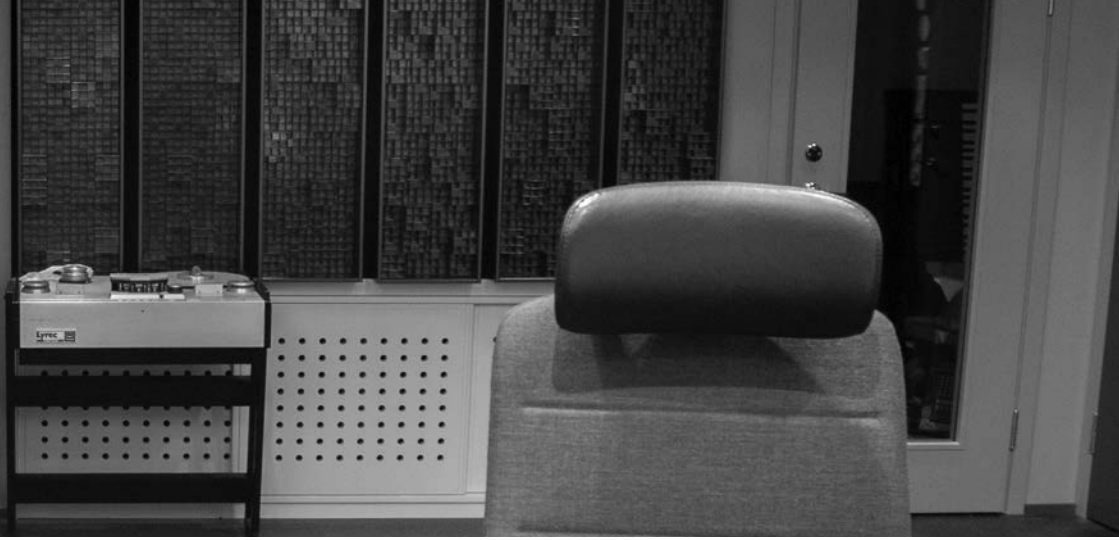
14.00-17.00 – Nathan Milsteinsalen
Presentations x 5

Lisa Bensel: The open access publishing project “From Xenakis’s UPIC to Graphic Notation Today”

Kim Hedås: Underground Lakes to Visit: Spaces, Shiftings and Structures in Polyphonic Compositions

Ricardo Climent: EASTN-DC Manchester Update

Hongshuo Fan: Introduction and demonstration of Handwriting · WuXing



17:00-18:00 – Erling Persson atrium
Reception

Welcome to Between 2019!

19:00-21:30 – Nathan Milsteinsalen & Lilla salen
Concert 2: Organ, piano & electroacoustic music

Sten Sandell: *borduna solenoid - akustisk levitation* (2019) 24’ 10”

Henrik Frisk: *Locomotion* (2019) 19’ 00”

–

David Granström: *Obsidian* (2019) 9’ 24”, *Magnetite II* (2019) 4’ 33”, *Empty room* (2019) 10’ 11”

Kim Hedås: *Lineages* (2019) 20’ 00”

Festival Schedule – Saturday 9 Nov

9:00-12:00 – Lilla salen
Zirkonium Workshop

Spatial Audio and Zirkonium + Zirkonium Hands-On Workshop
by **Ludger Brümmer / Dan Wilcox**

9:00-12:00 – ID220
Ableton Workshop

Workshop: Surround in Ableton Live (Maxforlive Patch DBAP)
by **Maxime Dangles and Baptiste Pierre**

14:00-17:00 – Nathan Milsteinsalen
Presentations: AI

Moderator **Henrik Frisk:** What are the artistic implications of AI?

Ludger Brümmer: Creativity versus Reproduction - Artificial Intelligence in Music Composition

Benoit Baudry: Dissecting software execution

Roberto Bresin: The design of AI-based applications for music creation needs information from basic research.

Björn Bjurling: Perspectives on industrial applications of AI

19:00-21:30 – Nathan Milsteinsalen & Kungasalen
Concert 3: Violin, video projections & electroacoustic music

Hongshou Fan: *Handwriting • WuXing* (2019) 12’ 50”

Ricardo Climent: *Duel of Strings: non-virtual violin vs. virtual violin* (2019) 12’ 50”

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Mattias Pettersson: *Ström* (2006) 17’ 18”

Tadej Droljc: *Capillaries Capillaries 23*’ 00”

David Berezan: *Lightvessels* (2019) 11’ 43”

Annie Luciani: *Wanderings* (2015) 13’ 07”

William Brunson: *Inside Pandora’s Box* (1991) 17’ 30”

Festival Schedule – Sunday 10 Nov

9:00-12:00 – Lilla salen
Zirkonium Workshop

Spatial Audio and Zirkonium + Zirkonium Hands-On Workshop
by **Ludger Brümmer / Dan Wilcox**

9:00-12:00 – ID220
Ableton Workshop

Workshop : Surround in Ableton Live (Maxforlive Patch DBAP)
by **Maxime Dangles and Baptiste Pierre**

14:00-17:00 – Nathan Milsteinsalen
Presentations x 5

Marcin Pietruczewski: The New Pulsar Generator (nuPG). Disassembling the Artefact.

Tadej Droljc: Composing with isomorphic audiovisual gestalts

David Berezan: Sound Runner

William Brunson: Inside Pandora's Box: A box, a remote control and a finger pointing at the moon

Mattias Sköld: The Visual Representation of Timbre

19:00-21:30 – Lilla Salen
Concert 1: Electroacoustic music in 15.1

Manuella Blackburn: *Landline* (2018) 9' 34"

Ludger Brümmer: *Glasharfe* (2006) 19' 00"

Marcin Pietruczewski: *Pulsar Sieve* (2019) 24' 00"

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Giuseppe Gavazza: *La Foresta delle Voci Timide* (2019) 10' 00"

David Berezan: *Run* (2019) 10' 00"

Claude Cadoz: *Helios* (2016-2019) 13' 07"

Festival Schedule – Monday 11 Nov

9:00-12:00 – ID220
Acroe Workshop

Claude Cadoz, Nicolas Castagné, Annie Luciani:
Mass-interactions physical modeling and real time haptic simulation for Music and Visual Arts by means of the ACROE's Physical modeling software

12:30-13:15 – Nathan Milsteinsalen
Concert 5: Guitar & electronics

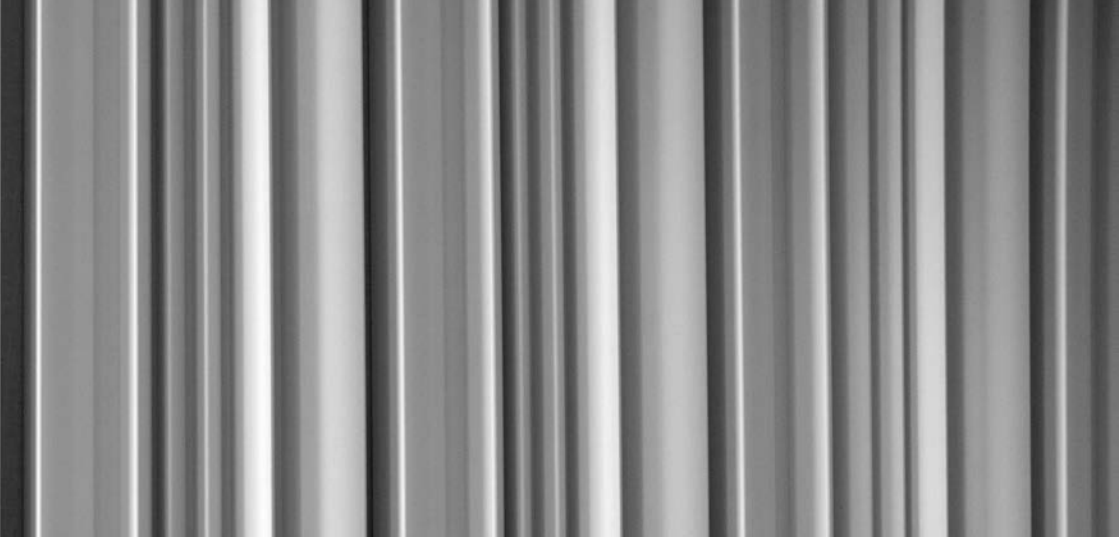
Luys Milan: *Fantasia XVI de Consonancias y Redobles (da El Maestro, 1536), for solo guitar* 2' 30"

Azio Corghi: *Consonancias y Redobles (1973), for guitar and tape, version with the restored and renewed tape* (2018) 7' 00"

Gianluca Verlingieri: *Resonancias y Redobles (2018-19), for classical guitar and fixed media* 7' 00" World Premier

Giuseppe Gavazza: *Dodici corde e mezzo for guitar and synthetic sounds* (2014) 11' 00"

Davide Ficco: *Aavaaye darun on Persian sacred texts, for guitar, recorded voices and live-electronics* (2019) 7' 00" World Premier



14:00-16:00 – Nathan Milsteinsalen
Keynote: Prof. Georgina Born

Georgina Born: Between Electroacoustic Music and Sound Art: On Music, Sound and Space

19:00-21:30 – Lilla Salen
Concert 6: Electroacoustic music in 4S.4 & KMH Live Electronic Ensemble

Marcus Wrangö: *The Fabric of the Knife* (2019) 11' 38"

KMH Live Electronic Ensemble: *Focus* (2019) 10' 00" / *Find & Replace* (2019) 10' 52"

Mattias Sköld: *In the Beginning* (2019) 11' 00"

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Maxime Dangles: *Virée en mer* (2019) 20' 00" (excerpt)

Doseo: *extract* (2019) 20' 00"

Festival Schedule – Tuesday 12 Nov

12:30-13:15 – Lilla Salen
Concert 7: EMSin 45.4

Daniel Araya: *Dying bird dub* (2019) 5' 05"

Jonas Broberg: *La Fenêtre vers les Souvenirs* 4′ 32″ (excerpt)

Mats Erlandsson: *Synthetic Crystal* (2017) 6' 25"

Julia Giertz: *A Lot of People Tell Me I Have a Fake Forest* (2019) 3' 26"

Pär Johansson: *Höstgäld/Autumn Gain* (2018) 4' 18"

Mats Lindström: *LoFi* (2019) 2' 43"

Lisa Stenberg: *Heart* (2017) 8' 00"

Francesco Torelli: *Nantucket* (2018) 3' 12"

14:00-17:00 – Nathan Milsteinsalen
Presentations x 5

Eva Bojner Horwitz: Listening to music – various audiences

Davide Ficco/Marco Barberis: The Extended Guitar: transducers, drums, springs and vibrating panels.

Gianluca Verlingieri/Davide Ficco: Restoring and Re-Composing the Past: a new version (2018) of Azio Corghi's Consonancias y Redobles electronic tape (1973), based on original materials thought lost.

Susanne Rosenberg: Folk Song Lab - improvising folk songs

Claude Cadoz: Multisensory and Interactive Simulation of Physical Objects for Musical Creation. Application to Helios and Qutezalcoatl, musical and visual artworks for the Helicanthe Platform of the ACROE

19:00-23:00 – Lilla Salen
Concert 8: Violin, electroacoustic music in 45.4 & Beat Concrète

There are no more four seasons: *Unraveled* (2009). 12’ 00”

Baptiste Pierre: TBA 20’ 00”

5XL.IKS: TBA 20’ 00”

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Beat Concrète: Intermedia Club with diverse KMH student artists.

Festival Schedule – Wednesday 13 Nov

9:00-12:00 – Nathan Milsteinsalen
Presentations x 5

Alexandros Kontogeorgakopoulos: Stiwdio Everywhere ::

Baptiste Pierre: TBA

Maxime Dangles: TBA

Mats Lindström: The Future was then!

Mattias Pettersson: Towards a hyper modular ensemble morphology

Keynote address

Georgina Born
Professor of Music and Anthropology
University of Oxford

Abstract
How is space conceptualized and put into practice in music and sound art today? *Building on my volume Music, Sound and Space,* in this lecture I pursue the evolving ways in which music produces space and space produces music, in an attempt to bring some clarity to this burgeoning dimension of compositional practice. I add insight into the institutional conditions that have favored evolving paradigms; and I pursue, in particular, the ways in which the spatial qualities of certain strands of electroacoustic music and sound art configure distinctive kinds of musical publics. The overarching message is that these dimensions of compositional and musical practice demand to be engaged with reflexively by musicians and composers. The effect is to make explicit how musical space can be inventively reworked, and how closely linked these processes are to social dimensions of musical experience.

Bio
Georgina Born OBE FBA is Professor of Music and Anthropology at Oxford University. Earlier, she worked as a musician with Henry Cow, Feminist Improvising Group, Derek Bailey's Company and other groups and was a member of the London Musicians' Collective. Her work combines ethnographic and theoretical writings on music, sound, television and digital/media. Her books are Rationalizing Culture: IRCAM, Boulez, and the Institutionalization of the Musical Avant-Garde (1995), Western Music and Its Others (2000), Uncertain Vision: Birt, Dyke, and the Reinvention of the BBC (2005), Music, Sound and Space (2013), Interdisciplinarity (2013), and Improvisation and Social Aesthetics (2017). She directed the ERC-funded research program 'Music, Digitization, Mediation: Towards Interdisciplinary Music Studies' and has held visiting professorships at UC Berkeley, McGill and Oslo Universities and in 2019 was distinguished visiting professor at UC Irvine. Born chairs the Culture, Media and Performance Section of the British Academy.

Installations, Activities, Exhibitions

Vertical Acousmonium – Main Entrance Foyer

Works for the Vertical Acousmonium are played continuously throughout the day.

Ludger Brümmer: *Gesualdo (adapted for Vertical Acousmonium)* (2004) 19’ 42”

Marco Barberis: *Q-Verch (2015)* 5’ 30”

Ludger Brümmer: *Carlo (adapted for Vertical Acousmonium)* (2004) 22’ 00”

Gianluca Verlingieri: *Fontana reMix* (2006-2009) 10’ 00”

NCS_Hypogean Cities (2019) – Lower Foyer

An installation of spatialized electroacoustic miniatures. Located between Lilla Salen and Nathan Milsteinsalen. Plays continuously.

Ljudbänken

Located in the outdoor courtyard of KMH. Plays continuously.

Kim Hedås: *Visit* (2019) 55’ 00”

Music Table – ID220

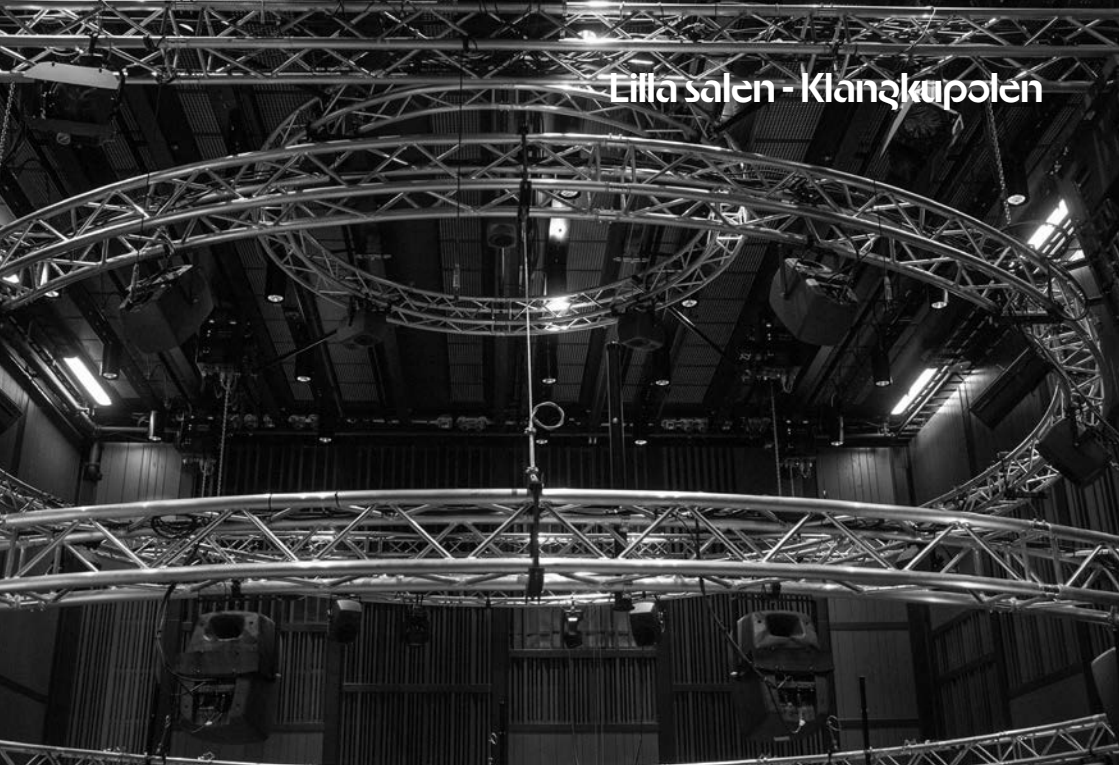
The Music Table consists of a variation of 1-15 desktop applications that disseminate several aspects of algorithmic electronic composition. An interactive learning tool for users of all kinds of ages and education background.

Exhibition Room – ID221

Posters, Works from Ljudbänken c/o KMH. Plays continuously.

Venues

Kungasalen


Lilla salen - Klangkupolen

Nathan Milsteinsalen

Participants

Acroe, Grenoble, France
Claude Cadoz – Composer, Designer,
Nicolas Castagné – Programmer, Engineer
Annie Luciani – Researcher, Artist

Cardiff School of Art and Design, England
Alexandros Kontogeorgakopoulos – Ph.D. computer music researcher, musician/sonic artist

Cité de la Musique, Romans, France
Baptiste Pierre – Composer, Musician, Professor
Maxime Dangles – Composer, Electronic Music Producer
Doseo (Leghau) – Composer, Electronic Music Producer
5XL.IKS – Composer, Electronic Music Producer

Conservatorio di Cuneo, Italy
Davide Ficco – Guitarist, Composer
Azio Corghi – Composer, Professor
Gianluca Verlingieri – Composer, Professor
Giuseppe Gavazza – Composer, Professor
Marco Barberis – Artist, Professor

EMS, Elektronmusikstudion, Stockholm
Daniel Araya – Composer, Studio Engineer
Jonas Broberg – Composer, Digital Archivist
Mats Erlandsson – Composer, Assistant Studio Engineer
Julia Giertz – Composer, Choreographer, Engineer
Pär Johansson – Composer, Librarian
Mats Lindström – Composer, Artistic Director
Lisa Stenberg – Composer, Education Coordinator
Francesco Torelli – Composer, Erasmus+ Intern

ZKM, Karlsruhe, Germany
Ludger Brümmer – Composer, Professor
Lisa Bensel – Curator, Researcher
Dan Wilcox – Composer, Programmer
Marcin Pietruszewski – Composer, PhD

Ljudmila, Ljubjana, Slovenie
Tadej Droljc – Composer, PhD student

University of Manchester, UK
David Berezan – Composer, PhD, Professor
Ricardo Climent – Composer, PhD, Professor
Hongshou Fan – Composer, PhD student
Manuella Blackburn – Composer, PhD, Lecturer / Keele University

KMH Guest Creators & Researchers
Georgina Born – Professor Oxford University
David Granström – Composer, Programmer invited to KMH, Stockholm
Sten Sandell – Composer, Musician, PhD invited to KMH, Stockholm
Karin Hellqvist – Violinist, PhD student Norwegian Academy of Music, Oslo
George Kentros – Violinist invited to KMH, Stockholm
Benoit Baudry – Professor KTH Royal Institute of Technology
Björn Bjurling – Senior Researcher RISE, PhD
Roberto Bresin – Professor KTH Royal Institute of Technology

KMH, The Royal College of Music In Stockholm
William Brunson – Composer, Professor
Henrik Frisk – Composer, PhD, Professor
Kim Hedås – Composer, PhD, Senior Lecturer
Mattias Petersson – Composer, Senior Lecturer
Mattias Sköld – Composer, Senior Lecturer
Marcus Wrangö – Composer, Lecturer
Johannes Landgren – Organist, PhD, Professor
Susanne Rosenberg – Folk Music Singer, PhD, Professor

KMH Students
Adele Marcia Kosman – Student, EaComposition B 3
Mikael Lindblad Ehnborg – Student, EaComposition B 3
Rikard Vilhelm Lindell – Student, EaComposition B 3
Brenda El Rayes – Student, EaComposition B 2
Aleksandra Joanna Slyz – Student, EaComposition M 1
Adam Eriksson – Student, AComposition M 2
Mattias Hållsten – Student, EaComposition M 1
Maria Lindström – Student, EaComposition M 1

Anna Björn – Student, EaComposition M 2
Theodor Kentros – Student, EaComposition B 2
Linus Hillborg – Student, EaComposition B 2
Viktor Sandström – Student, EaComposition B 2
Maria W Horn – Student, EaComposition M 2
Fredrik Mathias Josefsson – Alumni, EaComposition
Diego Ratto – Alumni, EaComposition

+ KMH Students
Kajsa Blom – Student, EaComposition B 1
Niklas Dahlquist – Student, EaComposition B 1
Serena K – Student, EaComposition B 1
Simon Söderberg – Student, EaComposition B 1
Jerker Österlind – Student, EaComposition B 2
Karl Johannes Jondell – Student, EaComposition B 2
Giovanni Onorato – Student, EaComposition B 3
Abigail Toll – Student, EaComposition M 1
John Chantler – Student, EaComposition M 1

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Creative Europe Programme
of the European Union

European Art Science Technology Network for Digital Creativity

The European Art - Science - Technology Network (EASTN) for Digital Creativity is a project that emerged from several European institutions involved in research, technology development, creation and education in the field of technologies applied to artistic creation. At European Level, this network is coordinated by ACROE (Grenoble, France) and supported by the Culture Program of the European Union.

Graphic design and photo: Jesper Tullback, KMH.

KMH
Royal College
of Music
Stockholm