#MTFBerlin

	MON 23 MAY	TUE 24 MAY	WED 25 MAY	THU 26 MAY	FRI 27 MAY	SAT 28 MAY	SUN 29MAY	MON 30 MAY	TUE 31 MAY	WED 1 JUNE

#MTFLabs TRANSHUMANISM (BY INVITATION ONLY)
Performance: Body in Space and Body Extensions | Exclusive HACKER previews | Exclusive AUDIENCE previews | Peter Kirn + Jasmine Idun on stage | Results discussed @ #MTFNetwork

#MTFLabs BLOCKCHAIN (BY INVITATION ONLY)
The critical mass of Blockchain thinkers from both sides of the Atlantic gathers | Results presented on the #MTFStage | | Results discussed @ #MTFNetwork

#MTFLabs VOCAL TECH (BY INVITATION ONLY) | Reeps One + guests on stage

#MTFLabs HACK THE AUDIENCE (BY INVITE) | #MTFLabs HACK THE AUDIENCE stage demo

#MTFStage [HALL1] | #MTFResearch [HALL2]

#MTFAmplifier Industry Insiders #MusicBricks preview | #MusicBricks partner meetup

#MTFSoundpit STARTUP SHOWCASE [BETWEEN HALL1 AND HALL2]

#MTFSpace INSTALLATIONS [VARIOUS LOCATIONS IN BLOCK B AND BLOCK C]

#MTFLates 11pm-late

element14 #MTFHacks 24h Hack Camp [HACKER HALL]

#MTFTracks TRACKATHON 24h track creation [TRACKS HALL BLOCK C]

#MTFJam JAM CAMP Open Jamming [JAM HALL BLOCK C]

#MTFSparks 13-18 years | #MTFKids 7-12 years

#AIOTILabs [HALL2] | #AIOTI GA [HALL1]

#MTFLabs

23-27 May 2016 collabs by invitation only
Exclusive hacker preview 6pm Friday 27 May
Exclusive audience previews Saturday 28 May
#MTFResearch transhumanism discussion 30 May HALL2

#MTFLabs-body in space

Facilitated by **Peter Kirn**, createdigitalmusic.com

#MTFLabs-body extensions

Facilitated by **Jasmine Isdrake**, maker.ninja

In an abandoned space in the Funkhaus, an assembled international group of artists are creating an immersive alternative reality.

The body in space lab inhabits a cavernous concrete space hidden above the performance halls, constructed by the DDR-era Funkhaus builders to realize acoustic dreams. Into that environment, a collection of invited artists will employ light, sound, textile, movement, transmedia and performance practice to explore an alternative performance theater that makes the entire architecture its stage.

The transhumanist icon of the project is **Viktoria Modesta**, an augmented being in the performance space. Around her, through the course of the week, a modern band of practitioners in experimental art and design will work in an open laboratory environment. They will invent a series of ideas on the spot in an intensive collaboration. From redefining space to extending the human body, they will work collectively to create a series of on-the-fly, improvised realizations, completing them just in time to present them publicly as a live performance environment on the final day of the lab.

High-tech prosthetics, conductive hair, sensor-fitted carbon fibre bodices and conductive tattoos are the kinds of perfromance-enhancing designs used for music interaction in the body extensions lab. Work uniting music tech with fashion tech started with Viktoria two months before the festival , in a meeting of some of the most exciting minds, including **Anouk Wipprecht** (anoukwipprecht.nl), **Moritz Waldemeyer** (waldemeyer.com), **Adam John Williams** (adamjohnwilliams.co.uk), **Joanna Hir** (http://joannahir.com), **Winde Rienstra** (winderienstra.com), and **Nhu Xuan Hua** (nhuxuanhua.com).

Guest audiences will be admitted in limited groups for time windows during Saturday 28 May to experience the results.

23-27 May 2016 by invitation only
Presentation of the results on the #MTFStage 28 May HALL1
#MTFResearch blockchain debate 30 May HALL2

#MTFLabs-blockchain

Facilitated by:
Petter Ericson, UMU.se computer scientist and cryptographer
Peter Harris, Resonate, expert in music streaming
Panos Panay, MD of the Institute for Creative Entrepreneurship, Berklee College of Music
Kelly Snook, NASA FabLab founder, brighton.ac.uk Adjunct Professor, mi.mu co-director

Introductory word by **Imogen Heap**

Guest contributor **Benji Rogers**

Blockchain technology has received a great deal of media and music industry attention recently. It's a technology that's been at the core of a flurry of new and some genuinely innovative startups, and has been championed by **Imogen Heap, Benji Rogers** and others as a way to help make the music business a more fair, transparent and sustainable ecosystem. There's a lot of money changing hands in the music industry, and not all of it is ending up in the right places.

So in the week leading up to Music Tech Fest Berlin at Funkhaus, the festival is inviting some of the best minds in the field – from well-known artists and labels, music streaming and cloud hosting organisations, rights managers and a diverse cross-section of music industry representatives, to scientists and academics from the world's top institutions – to participate in #MTFLabs: Blockchain - a 5-day blockchain laboratory to conduct experiments and explore the possibilities for music using the technology.

#MTFLabs: Blockchain is a hands-on testbed for innovation and experimentation. There are some fundamental questions to be explored and some exclusive technologies to be tested - and of course, the central figures in the public blockchain music conversation will be involved and represented. Results from the Blockchain Lab will be presented first to industry insiders at Music Tech Fest's #MTFAmplifier networking event on Friday 27th May; then on the main public festival stage on Sunday 29th, next as research results at the #MTFResearch symposium on Monday 30th following the festival. It will also be presented as policy advice to the European Alliance of IoT Innovation (AIOTI) whose General Assembly is running in parallel with the festival on the Monday at Funkhaus, and in the Blockchain panel at MIDEM 2016 June 5, 14.30-15.30 with Imogen Heap and Benji Rogers.

#MTFLabs

26-27 May 2016 by invitation only
Thu 26 May 11-6pm Fri 27 May 11-6pm
Vocal Tech performance on the #MTFStage by Reeps One + guests
on Saturday 28 May HALL1

27 May 2016 by invitation only
Live demo on the #MTFStage 28 May HALL1

#MTFLabs-vocal tech

With **Reeps One**, reepsone.co.uk

#MTFLabs-hack the audience

Facilitated by:
Norbert Schnell, IRCAM-Centre Pompidou
Frederic Bevilacqua, IRCAM-Centre Pompidou

Champion beatboxer Reeps One leads a laboratory to experiment and push at the boundaries of technology that respond to and work with vocals. Having worked extensively with cymatics to move physical matter and create shapes with sounds, he is now inviting creative developers, programmers, artists and makers to work with him to create audio and visual software and objects that react to the full spectrum of the human voice.

Reeps One will be joined by **Grace Savage** and other guest vocalists to test concepts and collaborate on projects. Finished prototypes will be showcased and performed on the festival stage, and Reeps One is also keen to partner with great projects to develop them further to commercial prototypes and startups.

Audiences will be able to see the results of the vocal tech lab in a performance by Reeps One + guests, on the #MTFStage, on Saturday 28 May.

Hack the Audience is a day of experimentation with mobile technologies to create a collective improvisation and participatory performance experience at the Music Tech Fest. Researchers from IRCAM's **CoSiMa** (Collaborative Situated Media) project work with an invited group of local developers and designers to experiment with the Collective Soundworks framework developed at IRCAM, based on web-standards.

The developers gain access to this exclusive technology and work with a musician to design, discuss and implement a collaborative project that can be performed with an audience of musicians and non-musicians alike on the main #MTFStage.

#MTFStage

27-29 May 2016 HALL1
Fri 4-10pm Sat 1-10pm Sun 1-10pm

Dual stages run side by side from Friday through to Sunday in the incredible HALL1 at Funkhaus - the largest recording studio in the world. Back to back performances, demonstrations and showcases of new inventions, performance concepts, sound art projects, works by pioneers of electronic music, industry innovation and creative ideas at the intersection of music and technology, science and art.

FRI 27 MAY

4pm Dazzle
Laser synths, future instruments, human drum machines

6pm We Are The Humans
Handmade mechanicals, analogue tech, sonic crafts with special guest **Martin Molin**, creator of the **Marble Machine**

8pm We Are The Robots
Robot Lego band, GUNK: geek punk, musical androids, with special guest **Bionic Pop Star Viktoria Modesta**

11pm #MTFSPECIAL: How to Make a Symphony
Exclusive premiere of **Emika**'s crowdfunded electronic symphony

SAT 28 MAY

1pm #MTFSparks on stage
#MTFSparks present the results of their morning hack

2pm Renewal Rewind
Junkyard machines, basement tinkerers, mad scientists and found sounds

4pm Travelogue
Exotic voyages, Virtual worlds, Intrepid musical journeys through time and space

6pm Material Worlds
Mechanical techno, tangible music, wearable instruments and historical artefacts with special guest **Graham Dunning's Mechanical Techno**

8pm Muscle Bound
Human experiments, electroshock performance, physical movement and the musical body with special guest **Mercury Prize** nominated **Eska**

SUN 29 MAY

1pm #MTFKids on stage
#MTFKids present the results of their morning hack

2pm Rituals
Solemn ceremonies, music from the brain, celebrations and tribal gatherings

4pm Elektrowerks
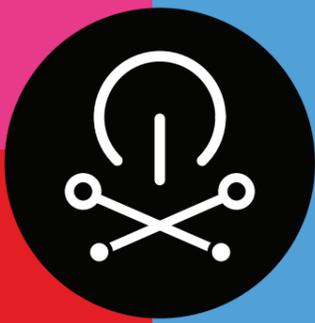Next level inventions, playful interfaces, sonic wizardry and noisy machines

6pm Hack Berlin
Amazing inventions and brilliant new ideas from the **element14 #MTFHacks** with special guest **Ben Heck** of **The Ben Heck Show**

8pm #MTFPrize and Shout!
Announcement of the Music Tech Fest Grand Prize, vocal experiments, different voices with special guests **Reeps One, Grace Savage, Eska, Jan Bang** and the **#MTFAllStars**

On Sunday evening, the Festival presents its inaugural prize for excellence in the music tech and sonic arts. From entries submitted from all over the world, the panel consisting of artists, journalists and industry representatives will select the grand **#MTFPrize**.
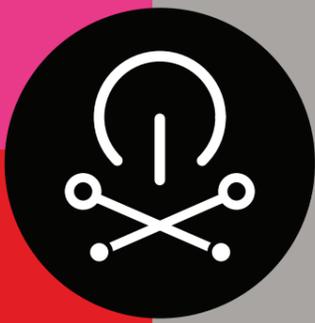
#MTFAmplifier

Fri 27 May **1-4pm** with an Industry Insider ticket VIP HALL

#MTFAmplifier is the place to connect and network with a gathering of industry insiders, investors, music technology startups and Berlin's tech business community. An informal welcoming drink and presentation of the festival as a new fixture in the Berlin cultural calendar, #MTFAmplifier also provides a sneak preview of the projects and commercial prototypes emerging from the European **#MusicBricks** project, early results from the **#MTFLabs: Blockchain** experiments, **VIP access** to the whole festival, a private pitching event showcasing the most exciting **new startups** in the music technology space before the main festival kicks off, as well as an exclusive **behind-the-scenes tour of the Funkhaus**.

#MTFSoundpit

27-29 May 2016 STARTUP STUDIO (between HALL1 and HALL2)
Fri 4-10pm Sat 2-10pm Sun 2-10pm

The #MTFSoundpit is an area of the festival right beside the main stage area where innovative music technology startups demonstrate and showcase their products and services to MTF attendees, and meet with business partners, investors and prospects. You'll experience **a fair trade music streaming service, a unique gesture-driven headphone interface, a virtual instrument that makes music in the air, a brainwave-reading performance platform for music and visuals, a dancefloor where movement remixes sound and lighting, an accessible interface for musicians with a disability, an intelligent musical instrument that learns and responds to gestures, a universal environmental music visualiser** and much more. The #MTFSoundpit is where the future of music can be seen and played with first hand.

#MTFSpace

27-29 May 2016 FUNKHAUS-VARIOUS
Fri 4-10pm Sat 2-10pm Sun 2-10pm

#MTFLates

28 May 2016 ABSORPTION CHAMBER
Sat 11pm - late

On the weekend of #Music Tech Fest, the legendary Funkhaus becomes a labyrinth of rooms and corridors filled with curious experiments that fuse musical performance, sonic installations and cutting edge technologies. In the corridors and side rooms of the Funkhaus venue are all of the music tech projects too big to fit on the festival stage - from participatory global art projects to ambient chill spaces, VR music experiences to sound and light extravaganzas. The question is not just whether you will find them all - but whether you can fit them all into just one weekend.

An after-hours gathering, party and exclusive club for #MTFBerlin attendees. #MTFLates features a DJ set by the incredible **Sarah Farina** (**Through My Speakers**); the world premiere of 'Ich Bin' - a new work for the dancefloor by **Coldcut's Matt Black,** inspired by the city of Berlin; DJ set by electronic recording artist and classical composer **Emika,** an exclusive solo set by **Graham Massey of 808 State,** lots of surprises, experiments and guest performances - with drinks by **Jägermeister**. The tracks created in the **#MTFTracks** trackathon will have their dance floor premiere at the #MTFLates.

Coded Space: Using 3D spatial audio technology and projection mapping, an immersive experience, both sound and vision is live coded in a big studio where people can move and change their perception of the installation.

U-Bahn Klangen: A unified sonic landscape remixed. This project involves the sharing of strategically placed QR codes around the Funkhaus space, each a 'key' which unlocks a sonic landscape.

thickear Records Store: offers visitors the chance to take away limited edition thickear cassette tapes with personalised sleeves in exchange for the visitors' personal data which is put on display in records racks for public perusal.

Misled Convoy: Turning large scale video mapping on its head and creating a mapped world for one viewer at a time.

Roundness: With wireless microphones in her hands and a circle of loudspeakers, sound artist Annelie Nederberg creates a feedback space into which the audience is welcome to bring gifts: round objects, sounds or movements.

Polyjam: Imagine an techno party, where you can create the music you're dancing to. The Polyjam team will guide the audience through an interactive tribal-tech ritual. presenting a few of our music making sculptures, and inviting the audience to play.

element14 #MTFHacks

Fri 27 May 7-9pm - meetup and intro workshop
Sat 27 May 12pm-Sun 28 May 12pm - 24 hour hackathon
Sun 28 May 12-4pm - demonstrations and judging
Sun 28 May 6-8pm - showcase of every hack on #MTFStage + awards

Directed by the #MTFHackstar **Adam John Williams**, and gathering together experts from various fields, hackers and makers, #MTFHacks is a 24 hour intensive sprint towards a complete reinvention of the way we live and work with music and technology. A huge supply of components by the world's biggest supplier **element14**, as well as some exclusive technology unavailable elsewhere, is used to address challenges that go way beyond the usual 'let's make another app'.

#MTFHacks push to solve the impossible and aim to wow with the incredible - then showcase it on the #MTFStage. #MTFHacks from previous events have developed into fully-fledged products and businesses, performances and research projects, as well as received awards for artistic achievements. We work with creative developers and businesses to ensure that a good idea gets supported or that a brilliant mind finds a dream job.

Ben Heck will join #MTFHacks to record an episode of the **Ben Heck Show** from the hive of 24 hour activity.

element14 ran a **Global Music Tech Challenge** to find the world's greatest music hacks and to **ship the grand prize winner to #MTFBerlin** to be on the **#MTFStage** and in the **#MTFHacks**. The winner will be joined by a long list of mind-blowing minds. Here are the first few:
Tim Korjakow (DE) - Specialist in IoT and Machine Learning, and expert in drone mapping regions that are extremely hard to map otherwise
Federico Rodriguez (FR) - Textile engineer with 15 years of working on polymer media and 5 years of electronic textiles
Phill Tew (UK) - Game developer, OSC expert, Honorary Mention at Ars Electronica
Alayna Hughes (ES) - Curriculum designer for maker/hacker courses at Berklee
Fabian-Robert Stöter - PhD in audio signal processing at AudioLabs Erlangen
Mirko Petrovich (DE) - Interactive Design for installations: Interactive Museum MIM Santiago, Chilean Pavilion ExpoShanghai 2010, Luminale 2016
Ginger Leigh (US) - Teacher of Digital Arts and Design at Full Sail University ,Orlando
Bas Grasmayer (NL) - Ex-CPO for Russia's largest music streaming service, Zvooq...

#MTFTracks

Sat 27 May 12pm-Sun 28 May 12pm - 24 hour trackathon
TRACKS HALL BLOCK C - NEAR THE MILCH BAR BY THE SPREE
Results will be played during #MTFLates Sat 28 from10pm-late

In association with our partners at **Noize Fabrik**, award-winning British record producer **Ian Wallman** will lead and coach a select group of 12 emerging Berlin electronic producers and musicians to each create a killer dance track in just 24 hours. Like a hackathon, a trackathon is a 24 hour event in which participants create music in response to a challenge, using some elements provided. The difference here, as the name suggests, is that rather than creating a software or hardware hack, the aim is to make a track - and specifically, a killer dance track.

The #MTFTracks challenge will be set on Friday 27th May at noon and the finished works will be completed by Saturday 28th at noon. Each producer will be given a selection of sounds and approaches to use. Live musicians and vocalists will be on hand to contribute to tracks produced, and the finished works will be DJ'd live at **#MTFLates** on Saturday night. Finished tracks will be mastered, released online and promoted through the Music Tech Fest networks with all proceeds going to a charity to be selected by the #MTFTracks artists themselves.

Some incredibly exciting music creators are participating - including:

Natalia Lincoln (Labrysinthe) - composed choral music for Grace Episcopal Church in New York City, went heretic on them, joined gothic/apocalyptic folk band, become a certified and certifiable Logic Pro 8 technician, and earned dBs Music Berlin's prestidigitalacious Diploma in Music Tech.

Ray Mann - Indie soul musician and visual artist who has supported Al Green, Tori Amos, Jamie Lidell, Sharon Jones & The Dap Kings, De La Soul, Lauryn Hill, Aloe Blacc, Roy Ayers and many more.

Francisca Gonçalves (SINØ) - Biological scientist studying a Masters in Interactive music and sound design in FEUP – University of Porto, who creates sound installations promoting environmental education...

#MTFJam

Fri 27 May 4-10pm Sat 28 May 2-10pm Sun 29 May 2-10pm
JAM HALL BLOCK C - NEAR THE MILCH BAR BY THE SPREE

Facilitated by **Roey Tsemah**, whitestone.io

There's one room at the festival that's a space where anyone at all
can sit down, hang out, pick up a musical instrument - perhaps a
guitar, a keyboard, or something that was invented just that
morning - and simply play with whoever else happens to be there:
old friends, new friends, or maybe someone whose records you've
been buying for the last 25 years. The **#MTFJam Camp** is a relaxed
space where there is no entry barrier on performance ability, but it's
also coordinated by a musical director who works with whoever
happens to be in the room to get the best possible result.

We record the best bits and hand-pick some of the best
collaborations to repeat their moment of jam genius on the
#MTFStage as part of the **#MTFAllstars**. Come and jam any time
during the festival.

#MTFSparks

Sat 28 May 10-1pm HACKER HALL: SPARKS AREA
Sat 28 May 1pm: performance+prizes on the #MTFStage

With **Sandbox Education**, sandboxeducation.co.uk
and **Alexandra Antonopoulou**

A group of 12 brilliant teens get their hands on Music Tech Fest's
own Noisy Jelly - a specially-made jelly-based interface for music
creation that connects the physical world with the internet. They'll
use the Noisy Jelly with other electronics and computer software
and plug into the web-based Warble platform, developed by our
own team of mad scientists. The #MTFSparks will invent and build
their own musical creations (with a bit of help and guidance) and
create a musical performance the world has never heard before with
their brand new jellyfied internet-connected contraptions.

#MTFKids

Sun 29 May 11am-1pm HACKER HALL: KIDS AREA
Sun 29 May 1pm: performance+prizes on the #MTFStage

With **Sandbox Education**, sandboxeducation.co.uk
and **Alexandra Antonopoulou**

Music Tech Fest brings together educational experts from the UK
and Germany to invite twelve 7-11 year-olds especially chosen by
local schools to participate in a kids hack event. These young
inventors will learn to work with physical computing and develop
music skills by making musical instruments out of electronics,
computer code and friendly monsters. The results will be performed
on the main festival stage in what has become one of the absolute
highlights of Music Tech Fest.

#AIOTILabs

28-29 May 2016 HALL2

Facilitated by **Francisco Marques-Teixeira** and **Horácio Tomé-Marques**, Universidade do Porto
and the **EU Alliance for Internet of Things Innovation**, AIOTI.eu

On Monday following Music Tech Fest, the **European Alliance of Internet of Things Innovation (AIOTI.eu)** will hold their General Assembly at the Funkhaus in HALL 1 in parallel to the #MTFResearch symposium in HALL 2. The AIOTI represents 500 members, including major companies like Philips, Vodafone, Samsung, Siemens and Bosch - as well as innovative SMEs.

During the festival weekend, top engineers from these organisations will engage in #AIOTILabs - an innovation ecosystem test bed, together with the creative developers from the Music Tech Fest community. They will conduct horizontal experiments, invent new prototypes and products that bridge entirely different kinds of industry sectors, and use creativity as the starting point for new IoT Innovation concepts.

#MTFResearch

30 May 2016 10am-5pm HALL2

Facilitated by **Andrew Dubber**, Director of the Music Tech Fest

A gathering of the world's top research and academic minds working at the intersection of music and technology - including **neuroscientists, cultural theorists, composers, computer scientists and media historians** - who meet to share ideas, collaborate on new projects and develop research initiatives inspired by the festival event.

The #MTFResearch symposium topics include:
- Music as data, metadata, information and meaning;
- Music as a site for collaboration across divisions; and
- Transhumanism - music as an extension of the human body.

Transdisciplinary experts include:

Dr Steven Goldfarb - Experimental particle physicist working on the ATLAS Experiment at CERN at the European Organisation for Particle Physics.

Dr Florian Grote - Senior Product Designer for the Maschine brand at Native Instruments and cultural sociologist working in music cognition.

Dr Alice Wyan - Expert in computer generated music and GPS-based sound installations.

Dr Francisco Marques-Teixeira - Neuroscientist and psychologist working with brain-computer interfaces, data sonification and transhumanism.
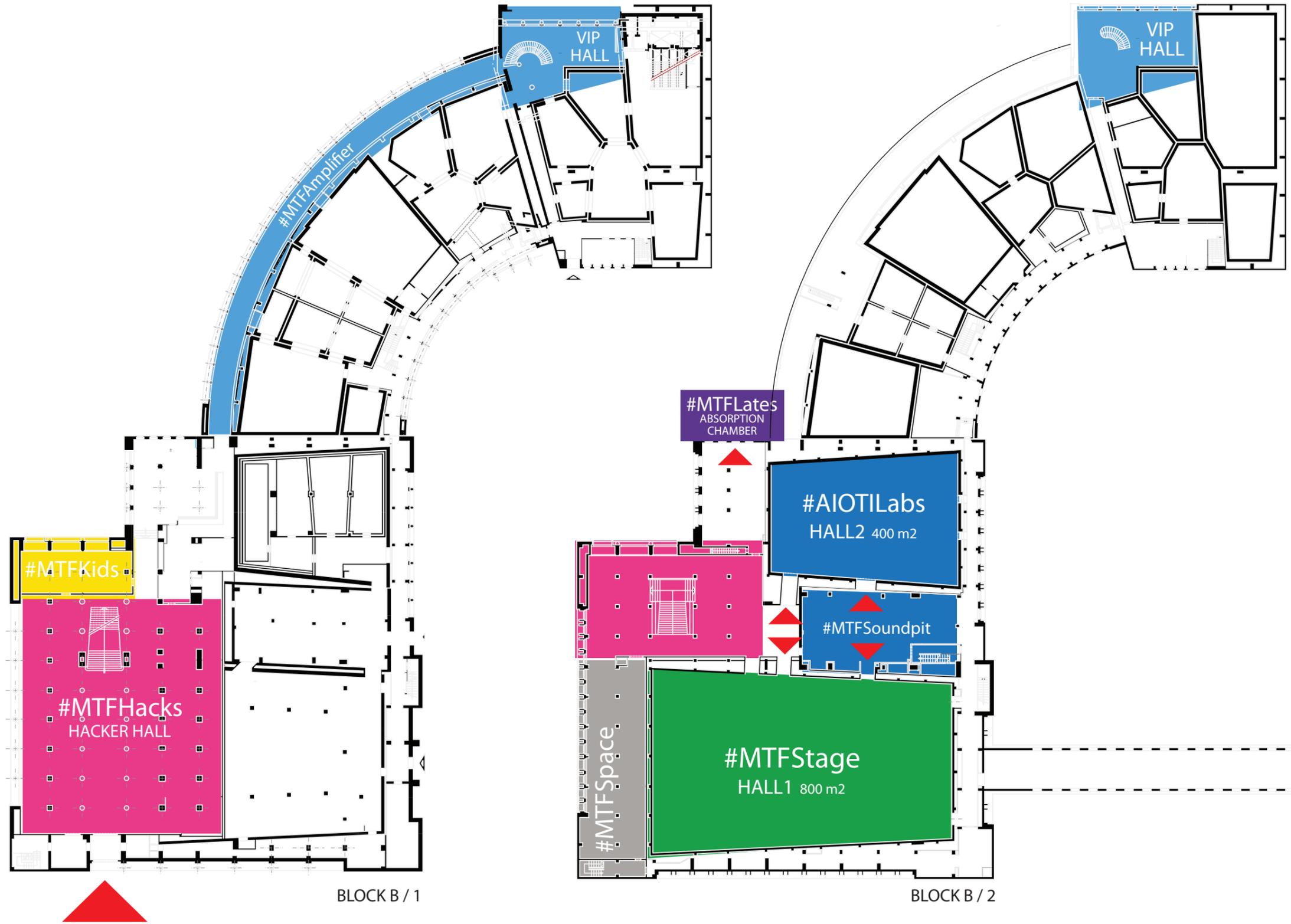
Dr Asli Telli Aydemir - Transmedia theorist working in critical literacies of the digital, peer networks and collaborative commons.

Dr Anders-Petter Andersson - Interaction designer working on motivation and collaboration, focusing on people with severe disabilities or dementia.

#MTFBerlin

#MTFTracks BLOCK C #MTFJam BLOCK C MILCH BAR BLOCK C

VIP HALL

VIP HALL

#MTFAmplifier

#MTFLates
ABSORPTION CHAMBER

#AIOTILabs
HALL2 400 m2

#MTFKids

#MTFSoundpit

#MTFHacks
HACKER HALL

#MTFSpace

#MTFStage
HALL1 800 m2

BLOCK B / 1

BLOCK B / 2