

ARS ELECTRONICA
ART THINKING SCHOOL

ART x SCIENCE

Create Your Own Compass - Envision the Future.

ARS ELECTRONICA ART THINKING SCHOOL

Artists have always understood the power of questions. The Ars Electronica Art Thinking School presents a new festival program that relays the creative mindset of questioning the world. With inspirational tours, workshops, lectures and actions, visitors are invited to apply Art Thinking to daily life, to discover the power of questions, and cultivate an artistic mindset in their very own areas of interest.

The **Art Thinking Tours** act as an entry point to experiencing the festival with an Art Thinking attitude. The tours are carefully curated and designed to help navigate through the multitude of exhibitions and events. Focused on five different core topics of Ars Electronica, the Art Thinking Tours aim to empower you to: **Create Your Own Compass - Envision the Future.**

40 Years of Ars Electronica - 40 Years of Art Thinking

Art is the critical thinker's "second opinion", a way to open up new perspectives, encourage curiosity to look at what's behind the scenes and stimulate creative solutions. During the past four decades, Art Thinking has been - and continues to be - the key for Ars Electronica to decipher the digital revolution and its effects. As we master the challenges of today and set on the path towards our future, it is exactly these visions and perspectives, originating in the artistic ecosystem, that are needed to navigate the waters. It's been 40 years of digital revolution - but in truth, we've only just begun.

ART x SCIENCE

Art and Science have a long history and important standing at Ars Electronica. As a stage for pioneers in art and science, a platform for exchanging ideas between the two fields, and fertile ground for groundbreaking innovation, artistic research and far-reaching collaborations, Ars Electronica has been an important catalyst for internationally successful artists and scientists in the past. This tour zooms in on programs, residencies and artistic-scientific crossovers that prove that Art Thinking can be a force for innovation and creation, even - or especially - in the most rigorous of sciences.

POSTCITY

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The **STARTS exhibition** looks at innovative projects at the nexus of Science, Technology and the Arts (POSTCITY, First Floor).

- » Uncover the possibilities of using rocks for eco-friendly ways of designing furniture and structures: **“Stone Web - Expanding Space”** by Idalene Rapp and Natascha Unger
- » Marvel at a DIY-DNA-Synthesizer producing only DNA from the unofficial “Black List”: **“BLP-2000 / Black List Printer”** by BCL (Georg Tremmel and Shiho Fukuhara)

“Human Limitations - Limited Humanity”, this year’s theme exhibition in the bunker* of POSTCITY, goes beyond the limits of the human body, while at the same time scrutinizing the constraints holding humanity back in its quest for a better future.


- » Turn the system’s logic against itself by cultivating a deep technological understanding: **“!brute_force”** by Maja Smrekar
- » Resolve the conflict between health, culture, and environmental conservation through a new interpretation of traditional Chinese medicine: **“Tiger Penis Project”** by Kuang-Yi Ku
- » Peer into the psyche of a plant by reading its lips, creating a speculative form of interspecies communication: **“Institute for Inconspicuous Languages: Reading Lips”** by Špela Petrič

The **European Platform for Digital Humanism** offers European perspectives confronting the challenges and opportunities brought about by the digital society. (POSTCITY, First Floor)

- » Listen to artificial clams that move and create noise according to the water quality around them: **“Clams”** by Marco Barotti
- » See the human mind’s wanderings visualized in a robotic installation reacting in real-time to EEG measurements, moving to an AI-generated pattern : **“Doing Nothing with AI”** by Emanuel Gollob
- » Counteract the gender and racial bias in Artificial Intelligence with the first training data sets containing all skin types and genders: **“Gender Shade”** by Joy Buolamwini

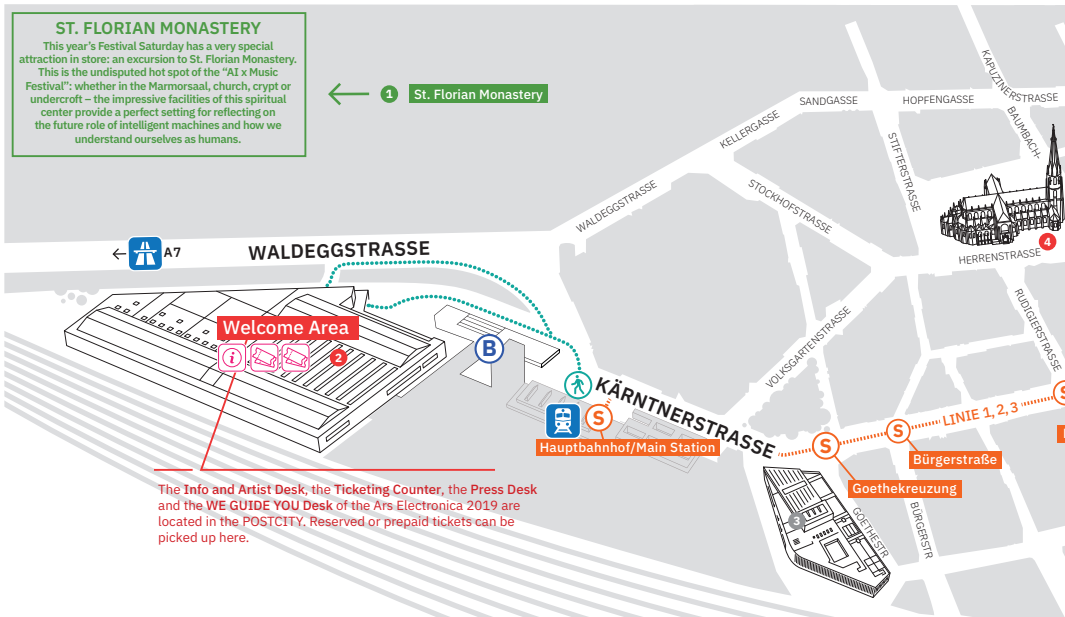
 INFODESK  TICKETING  PRESS CENTER  WALK TO POSTCITY

 SHUTTLE TRANSFER DIRECTLY TO ST. FLORIAN MONASTERY (on Saturday 7.9., permanent between 01:00 pm – 11:00 pm)

 PÖSTLINGBERG TRAM 50 (Please note: you need a separate ticket to the Pöstlingberg Tram)

 TRAMWAY LINES 1,2,3,4  (A purchased Festival Pass entitles the holder to ride Lines 1, 2, 3, & 4 free of charge** from September 5-9, 2019)

** Our sincere thanks to LINZ AG!



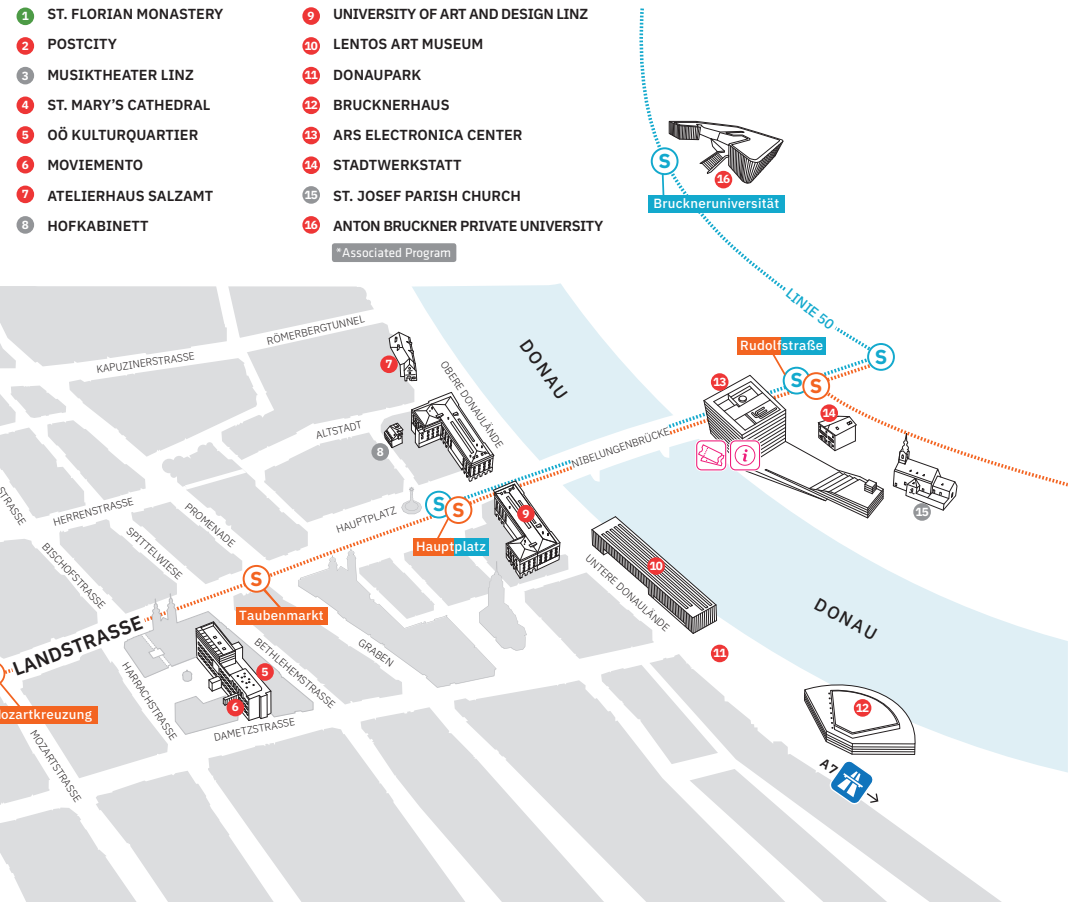
» See (im)possibilities be brought to space by way of artistic intervention: **“Space Exploration Initiative”** by Xin Liu, Harpreet Sareen, Manuel Muccillo, Valentina Sumini, Alexis Hope, Maggie Coblenz, Nicole L’Huillier, Sands Fish and Thomas Sanchez Lengeling

The **Ars Electronica Gallery Spaces*** are a place for artists, theorists, and gallerists to convene and discuss the challenges and opportunities of the media art market.

» **FRI, 13:00-14:30, Gallery Spaces Stage**

Add an environmental dimension to the collaboration of artists and scientists at the **“Gallery Spaces Panel II: Art & Science for Ecology”** with Joaquin Fargas, Daniel López del Rincón and Maja Smrekar

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|-------------------------|--------------------------------------|
| 1 ST. FLORIAN MONASTERY | 9 UNIVERSITY OF ART AND DESIGN LINZ |
| 2 POSTCITY | 10 LENTOS ART MUSEUM |
| 3 MUSIKTHEATER LINZ | 11 DONAUPARK |
| 4 ST. MARY’S CATHEDRAL | 12 BRUCKNERHAUS |
| 5 OÖ KULTURQUARTIER | 13 ARS ELECTRONICA CENTER |
| 6 MOVIEMENTO | 14 STADTWERKSTATT |
| 7 ATELIERHAUS SALZAMT | 15 ST. JOSEF PARISH CHURCH |
| 8 HOFKABINETT | 16 ANTON BRUCKNER PRIVATE UNIVERSITY |
- * Associated Program



- » **SAT, 15:00-16:30, Gallery Spaces Stage**
Explore new forms of collaboration at the “**Gallery Spaces Panel V: Artists & Scientists**” with Tarek R. Besold, Raoul Frese, Beatrice de Gelder and Frank Raes

The **conferences, lectures and workshops** at the 2019 Ars Electronica Festival deepen theoretical understanding and offer a chance to share ideas with the world’s leading experts in the field of Art, Technology and Society.

- » **FRI, 15:30-17:00, Conference Hall**
Look into the trajectories of art and science at the Theme Symposium: “**Midlife Crisis of the digital revolution - Trajectories**”* with Sarah Petkus, Aza Raskin and Andrew Pickering
- » **SAT, 10:00-12:00, Hackathon Space**
Try your hand at hacking Brain-Computer-Interfaces together with artists, engineers, scientists, designers and creatives at the **BR41N.IO Hackathon** (prior registration necessary)

ARS
ELECTRONICA
CENTER

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The newly redesigned **Ars Electronica Center** acts as a compass for navigating the future, with exhibitions on Artificial Intelligence, the climate crisis, laboratories and the immersive media environment Deep Space 8K.

- » Find out what the combination of the possibilities of modern medicine and artistic vision yields with an installation that is growing muscles: “**_zusammen_ziehen**” by Manuel Selg
- » Immerse yourself into an artistically created, physics-based fluid simulation at Deep Space 8K: “**Liquidus**” by Roman Divotkey, Nora Loimayr, Christoph Schaufler and Wolfram Weingartner

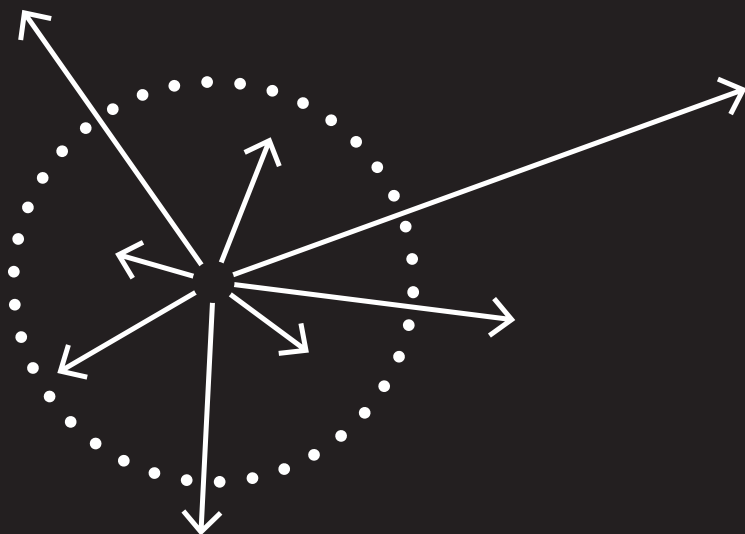
OÖ KULTUR-
QUARTIER

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The **CyberArts exhibition*** showcases the award-winning works of the prestigious Prix Ars Electronica. The exhibition is open from September 5th to 15th.

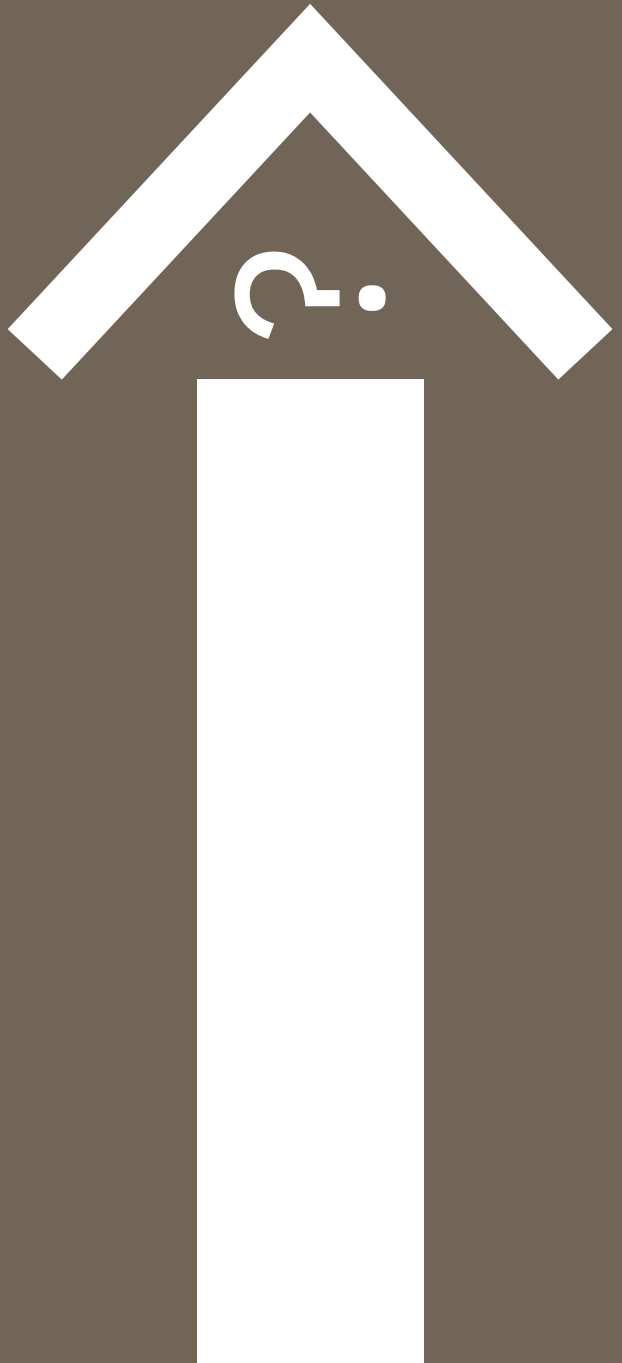
- » See water miraculously turn into blood: “**[ir]reverent: Miracles on Demand**” by Adam Brown
- » Smell like a tree and open up new ways of human-to-tree connection: “**One Tree ID - How To Become A Tree For Another Tree**” by Agnes Meyer-Brandis

*With a *FESTIVAL/DAY pass*, admission to this area is included.
You can purchase festival passes and other tickets at the *Infodesk*.



CREATE YOUR OWN COMPASS

The Ars Electronica Art Thinking Tours are here for you to find your own way - through the Ars Electronica Festival, and more importantly, through the challenges and opportunities of the digital age. When strolling through the festival grounds or completing an Art Thinking Tour, we encourage you to use Art Thinking to create your own **Creative Questions**. What comes to your mind when experiencing the overlaps between ART x SCIENCE? Share your thoughts with everyone! On the next page, you will find space to fill in your own Creative Question. Rip it down and pin it on the big question mark in the Art Thinking School and find out what other festival visitors are thinking.



ART x SCIENCE