

European ARTificial Intelligence Lab

→ UNI-CENTER, KEPLER HALL, PARK

Das European ARTificial Intelligence Lab beschäftigt sich intensiv mit den rechtlichen, kulturellen, pädagogischen und ethischen Dimensionen der künstlichen Intelligenz. Aus der Perspektive von 13 großen Kulturrenten in Europa werden elementare Themen in Bezug auf KI erörtert – vom Kontext der Verwendung von KI bis hin zur Frage, wer diese eigentlich entwickelt. Im Rahmen der Themenausstellung präsentierte das AI Lab eine vielfältige Auswahl an Projekten in denen erforscht wird, was Künstliche Intelligenz eigentlich ist und vor allem, welche Auswirkungen die raschen Fortschritte in diesem Bereich auf unsere Gesellschaft haben werden.

The European ARTificial Intelligence Lab focuses on the legal, cultural, pedagogical and ethical dimensions of artificial intelligence. From the perspective of 13 major cultural players in Europe, basic issues related to AI are examined – from the context of its application to the question of who actually develops it. As part of the theme exhibition, the AI Lab presents a diverse selection of projects that explore what artificial intelligence is and, more importantly, what impact the rapid advances in this field will have on our society.

This project is presented in the framework of the European ARTificial Intelligence Lab, which is co-funded by the Creative European Programme of the European Union and the Austrian Federal Ministry for Arts, Culture, the Civil Service and Sport.

S+T+ARTS

→ LEARNING CENTER, UNI-CENTER

STARTS ist eine Initiative der Europäischen Kommission mit der Technologie und künstlerische Praxis bestmöglich verbunden und zum Gewinn für die europäische Innovationspolitik als auch die Kunstwelt werden sollen. Im Mittelpunkt stehen Menschen und Projekte, die dazu beitragen, Europas soziale, ökologische und ökonomische Herausforderungen meistern zu können. Als eines dieser Projekte wird alljährlich der STARTS Prize vergeben, von Ars Electronica in Zusammenarbeit mit Bozar, Waag, INOVAt+, T6 Ecosystems, French Tech Grande Provence und Frankfurter Buchmesse. Im Rahmen der Preisverleihung werden die herausragendsten Kooperationen und Ergebnisse im Bereich Kreativität und Innovation an der Schnittstelle von Wissenschaft und Technik mit Kunst ausgewählt. Im Rahmen des Ars Electronica Festivals werden die preisgekrönten und nominierten Werke des **STARTS Prize 2021** präsentiert. Von nachhaltigem Grassroots-Design zu innovativen Arten der Datenpräsentation, von der Schaffung digitaler Handlungsmacht bis zu bahnbrechenden neuen Technologien. Die Ausstellung zeigt die herausragende Vielfalt der künstlerischen Praxis von STARTS.

*the social, ecological and economic challenges faced by the European continent. As one of these projects, Ars Electronica in collaboration with Bozar, Waag, INOVAt+, T6 Ecosystems, French Tech Grande Provence and Frankfurter Buchmesse are awarding an annual prize to select the most pioneering collaborations and results in the field of creativity and innovation where science and technology intersect with the arts. At the festival, Ars Electronica presents the **STARTS** initiative and a selection of the prize-winning and nominated works of **STARTS Prize 2021**.*

Following last year's great success, Johannes Kepler University has once again selected a series of university projects in the field of tension between art and research as part of a special call by the Linz Institute of Technology, which will be presented to the public for the first time on the international stage of the Ars Electronica Festival. A total of seven interactive installations and stagings, artefacts and VR applications use artistic approaches as vehicles for breaking down existing structures in the world of science.



Supported by Land Oberösterreich

S+T-ARTS PRIZE 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 854603. This publication (communication) reflects the views only of the author, and the European Commission cannot be held responsible for any use which may be made of the information contained therein.

European Commission | Research & Innovation Funding | Ars Electronica

Bundesministerium für Kultur, Österreichischer Dienst und Sport

AUSTRALIAN FEDERAL GOVERNMENT

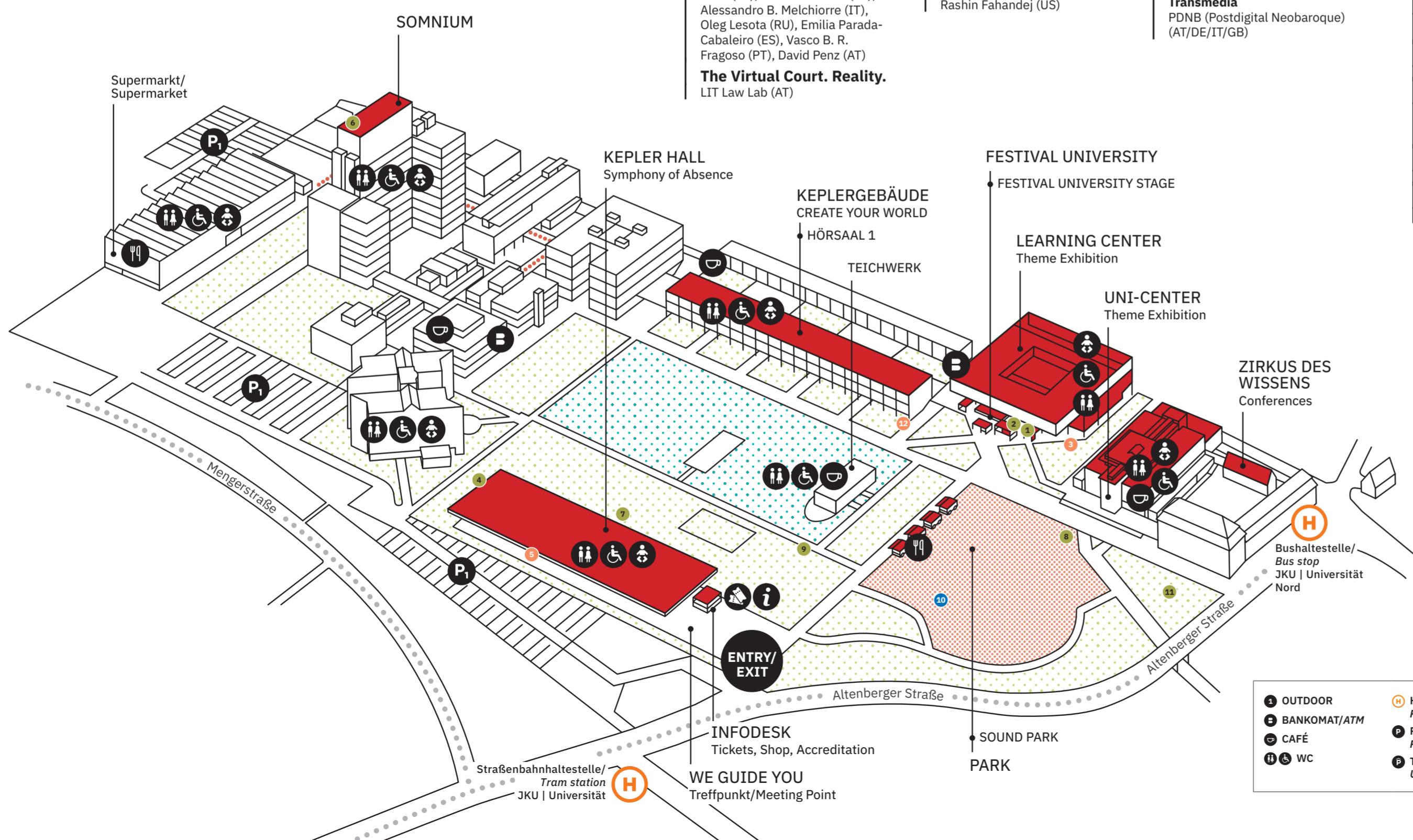
Ministry of Culture and Sport

Ministry of Education, Science and Research

Ministry of Culture and Sport

Kepler Gardens MAP

A New
Digital Deal



LEARNING CENTER THEME EXHIBITION

- !Cartesian Shell
Maja Smrekar (SI), Jonas Jørgensen (DK)
- 1HWorK
Marina Freccia (DE), Thomas Schneider (AT), Felix Zabel (AT), Tore Minte (DE), Wolfgang Fiel (AT), NANK Co:laboratory arteq.io
- Algaphon
Harpreet Sareen (US/IN/JP), Franziska Mack (DE/US), Yasuaki Kakehi (JP)
- Crash me if you can
Manipulate Traffic Signs to fool AI controlled Slot Cars
Ahmed Alshenoudy (EG), Nikolaus Hofer (AT), Alexander Maleitzky (AT), Bernhard Schenkenfelder (AT), Stefan Thumfart (AT) — all working at RISC Software GmbH
- Eurus
Pressure-Cuff Actuated Emergency Use Resuscitator System
Aisen Caro Chacín (US/ES/VE), Christopher Zahner (US)
- ① Fascination Robotic
Daniel Hoeller (AT), Dominic Koll (AT), Alexander Koll (AT), Helmut Rohrger (AT), Robert Sturmlechner (AT), Amir Moradi Bastani (IR)
- Lxk:m:BIX
Andres Bosshard (CH)
- Re-THINK FASHION
Re-FREAM CONSORTIUM (INT)
- ② Wandering Factory:
Prototyping the Future of Local, Cyclic Manufacturing
Johannes Braumann (AT), Gabriel Gruber (AT), Stephan Hözl (AT), Martin Krčma (CZ), Sebastian Lämmermann (AT), Bashir Moradibastani (IR), Martin Reiter (AT), Martin Schwab (AT), Karl Singline (AU)
- STARTS
mEat me
Theresa Schubert (DE)
- JKU LIT @ ARS ELECTRONICA**
- Demystify AI (by mushrooms and media)
LIT Robopsychology Lab (AT)
- Growing Colors:
Patterning with living pigments
Sabine Hild (AT), Julia Moser (AT), Patrik Radic (AT), Laura Holzinger (AT)
- ③ Magic Eye
Andreas Stelzer (AT), Andreas Müller (DE), Reinhard Feger (AT), Hubert Gattlinger (AT), Masoud Farhad (IR), Robert Sturmlechner (AT), Richard Hüttner (AT)
- Music Tower Blocks:
Mood-aware music Exploration and Recommendation
Markus Schedl (AT), Florian Fritz (AT), Franz Schubert (AT), Alessandro B. Melchiorre (IT), Oleg Lesots (RU), Emilia Parada-Cabaleiro (ES), Vasco B. R. Fragoso (PT), David Penz (AT)
- The Virtual Court. Reality.
LIT Law Lab (AT)

KEPLER HALL SYMPHONY OF ABSENCE

- AVATAR ROBOT CAFE DAWN ver.β
Ory Yoshihiji (JP)
- Oxitocina Machina
Sammie de Vries (NL), Mila Moleman (NL), Mathieu Preux (FR), Lucia Redondo (ES), Zalán Szakács (NL)
- ④ Schrödinger's Rat
Philipp Blume (AT), Gregor Ladenhauf (AT)
- AI LAB**
- Transformation of Scenery
Yoichi Ochiai (JP)
- JKU LIT @ ARS ELECTRONICA**
- ⑤ Do You Feel Stressed (ex Sound of Bubbles)
Mark Hlawitschka (DE/AT), Moritz Simon Geist (DE)

SOMNIUM THEME EXHIBITION

- ⑥ A Father's Lullaby
Rashin Fahandez (US)

PARK SOUND PARK

- Im Sound Park werden den ganzen Tag über ausgewählte Field-Recordings, musikalische Interventionen und andere Klangkunstwerke zu hören sein.
- Eine detaillierte Tracklist finden Sie unter <https://ars.electronica.art/newdigitaldeal/de/sound-park>

The Sound Park will feature selected field-recordings, musical interventions and other sonic artworks throughout the whole day. For a detailed tracklist, please visit <https://ars.electronica.art/newdigitaldeal/en/sound-park>

- ⑦ BIO AUSTRIA
Farmer's Market
only 11.09.
- ⑧ Demokratie Repair Café - Society and Technology
Zukunftsrat Demokratie (AT), European Public Sphere (EU), Constitutional Innovation Hub Graz (AT), Bayreisches Forschungsinstitut für Digitale Transformation (DE), Technische Universität München (DE), Open Innovation in Science Center, LBG (AT)

- ⑨ KEHAI: Liquid Mirror Series - Square -
Kaito Sakuma (JP)

- AI LAB**
- The Wandering Mind
Gershon Dublon (US), Xin Liu (CN)
- ⑩ TRIPOTIC SPECTACLE
Postdigital Neobaroque Transmedia
PDNB (Postdigital Neobaroque) (AT/DE/IT/GB)

- ⑪ LUMEN
IP Group (PL): Jakub Lech, Bogumił Misala, Dominika Kluszczyk & Ania Haudek
- Material Internet Field Kit: Linz
Vanessa Graf (AT)

- ⑫ ELEVENPLAY x Rhizomatiks "border 2021"
MIKIKO (JP), ELEVENPLAY (JP), Daito Manabe (JP), Motoi Ishibashi (JP), Rhizomatiks (JP), Takayuki Fujimoto (JP), evala (JP), Monika Seyfried (PL), Jeff Nivala (US)

- ⑬ Not Allowed for Algorithmic Audiences
Kyriaki Goni (GR)

- ⑭ Simple Machines Arena
Ugo Dehaes (BE)

- ⑮ The Burst of Things / Where Are We Standing?
Let the unknown appear
Maria Ignacia Court (CL), Trinidad Piriz (CL)

- ⑯ The Chiromancer
Matthias Pitscher (DE), Giacomo Piazz (IT)

- ⑰ Vibrations
Moritz Simon Geist (DE)

- ⑱ Voidopolis
Kat Mustafe (US), Process Studio: Martin Grödl (AT) and Moritz Resl (AT)

- ⑲ Wanderline
h.o (INT)

- ⑳ your unerasable text
Stefan Tiefengräber (AT)

- JKU LIT @ ARS ELECTRONICA**

- A Student's Perspective
Lisa Caligagan (AT)

UNI-CENTER THEME EXHIBITION

- Branch Magazine**
Sustainable and fairer Internet for everybody
Climate Action Tech (EU/Global)
- Ejercicios de aridez | Aridity Exercises**
Celeste Rojas Mugica (CL/AR)

- Grammophon – Unerhörtes – Zitate von 1924–2018**
Alice Hulan (AT)

- How to Make an Ocean**
Kasia Molga (PL/UK)

- IntraBeing**
El Joteva (BG/US)

- ⑪ Dear Joachim, ...
Hannes Hoelzl (IT), Dirk Erdmann (DE), Vinzenz Aubry (DE), Ólafur Arnalds (IS), Robert Schnüll (DE), Alberto de Campo (AT), Jussi Ängeslevä (FI), Andi Ruckel (DE)

- Moon Rabbit**
Sarah Petkus (US), Mark J. Koch (US)

- The Museum of Edible Earth**
marsharu (RU/NL)

- STARTS**

- Data Garden**
Cyrus Clarke (UK), Monika Seyfried (PL), Jeff Nivala (US)

- ELEVENPLAY x Rhizomatiks**

- "border 2021"
MIKIKO (JP), ELEVENPLAY (JP), Daito Manabe (JP), Motoi Ishibashi (JP), Rhizomatiks (JP), Takayuki Fujimoto (JP), evala (JP), Monika Seyfried (PL), Jeff Nivala (US)

- Face Lab**
Håkan Lidbo (SE)

- In a Small Room**
KyungJin Jeong (KR)

- In Event of Moon Disaster**
Halsey Burgund (US), Francesca Panetta (GB)

- Oceans in Transformation**
John Palmesino, Ann-Sofi Rönnskog (INT)

- Remix el Barrio**
Anastasia Pistofidou, Marion Real & The Remixers at Fab Lab Barcelona, IaaC (INT)

- The Living Light**
Nova Innovia (NL)

- TheirTube**
Tomo Kihara (JP/NL)

- JKU LIT @ ARS ELECTRONICA**

- A Student's Perspective
Lisa Caligagan (AT)

KEPLERGEBAUDE

CREATE YOUR WORLD

Conducting Spaces
Ableton Live (DE), MiMU Gloves (UK), University of Music and Performing Arts, Vienna (AT), Daniel Kohlmeigner (AT), Adrián Artacho (ES/AT)

Radio FM4
ORF Radio FM4 (AT)

Social Intelligence Agency (S.I.A.)
Landestheater Linz (AT)

Zurück zur Illusion – Tourismus von morgen
Sophie Dögl (AT)

JKU LIT @ ARS ELECTRONICA

Magic Darts
Andreas Stelzer (AT), Rudolf Scheidl (AT)

THEME EXHIBITION

See me, feel me, touch me ... hear me & heal me ...
Hana Zeqa, Laura Thaci, Elisabeth Mirnig & Werner Jauck

FESTIVAL UNIVERSITY

100 junge Menschen aus der ganzen Welt mit unterschiedlichen kulturellen und Bildungshintergründen kommen zusammen, um neue Wege zur digitalen Transformation und zum Wandel zu erkunden. Die Festival University ist ein Kooperationsprojekt der Ars Electronica und der JKU.

100 young people from around the world with diverse cultural and educational backgrounds come together to explore and define new paths to digital transformation and change. The Ars Electronica is a collaborative project by Ars Electronica and JKU.

FESTIVAL UNIVERSITY STAGE

→ Bitte entnehmen Sie die Programmdetails der Rückseite. / See the back of the map for the Performance Programme.

ZIRKUS DES WISSENS CONFERENCES

→ Bitte entnehmen Sie das Konferenzprogramm der Rückseite. Details zum Programm finden Sie auf: ars.electronica.art/newdigitaldeal/de/conferences-lectures-workshops-linz

→ See the back of the map for the Conference Programme. For further details please visit: ars.electronica.art/newdigitaldeal/en/conferences-lectures-workshops-linz