

hackathon in residence 11. – 18. september 2022

How can virtual reality, augmented reality, big data and AI help us designing sustainable cities?

biennale der
urbanen landschaft

10 - 24 september 2022
biennial.lala.ruhr

We are looking for curious and open-minded people from different disciplines (architecture/planning, IT/digital, art/creative industries). We offer an allowance, accommodation, meals and the chance to win prize money. Live and work for a week in one of the most exciting urban quarters in the Ruhr area. Work with in an interdisciplinary team on a challenge for the green city of the future. Present yourself and your ideas to the public.

who can join

If you are concerned with the sustainable design of our cities and/or are fit in digital topics, then you are right with us. If you can explain complex things clearly and/or are artistically active, then you've come to the right place. If you like to combine different technologies and/or can stage spaces, then you've come to the right place. For example, you could fit one of the following descriptions: scenographer, (media) artist, (landscape) architect, geographer, XR developer, designer, computer scientist, engineer, game designer, 3D modeller, ecologist, biologist, communication expert or spatial planner. But these are only examples. Our call is primarily aimed at young professionals and advanced students, but there are no formal requirements and no age limit.

Apply by 15 July via our [online form](#). A jury will put together an interdisciplinary field of participants by 22 July.

Apply now

why we talk about the „hackathon in residence“

At 7 days, our event lasts much longer than a classic hackathon and still relies on improvisation and time pressure. You live and work on site, which is similar to the concept of an „artist in residence“ programme. We are looking for IT nerds as well as artists (and many more, see above) and all those who do not allow themselves to be pigeonholed.

this is the challenge

We want to explore with you how digital technologies can help us design better, greener and more people-friendly cities. We are particularly (but not exclusively) interested in the visual technologies of Extended Reality (Virtual Reality, Augmented Reality, Mixed Reality) and how they can be linked to other technologies, e.g. BIM, LIM, geodata, satellite data, sensor technology or Digital Twin. We are not looking for solutions that are only designed for experts, but for solutions that explain and communicate. The aim is to involve as many different people as possible in the discourse.

this is how it will work

From all applications we will invite 20 of you to the heart of the Metropole Ruhr in Gelsenkirchen. We will provide accommodation, basic meals and a place to work, as well as an allowance of 500€. We will introduce you to four places in the urban space and link them to a theme or a concrete challenge. You will get together in teams and work on one challenge or one place each. The challenges will be formulated openly, they should stimulate your creativity and not restrict your freedom. The goal of the teamwork is an exhibition of your prototype in public space, which the public can experience and try out at the end of the week. A jury of experts will award a prize of 2,500 € to the best team.

what you need for the application

In the online form, we ask you about your interests, talents and skills. If you wish, you can tell us about one of your past projects. We ask you for a short motivational text (½ page DIN A4 or a short mobile phone video) why you want to participate. Then we are interested in which of our locations or topics would interest you. You can find out more about the possibilities on this board: [Workboard](#)

Apply now until 15.7.2022

these are the most important dates and deadlines

27.5.2022 Application start

15.7.2022 Application deadline

- Selection by jury meeting -

22.7.2022 Announcement of the selected participants

- We reserve the right to hold a second round of applications or to hold a moving-up procedure -

Sunday, 11.9.2022 Arrival until 16:00 hrs.

Monday, 12.9.2022 Teambuilding & start of work

Wednesday, 14.9.2022 Public event: Workshop visit (evening)

Friday, 16.9.2022 Jury tour & public presentation (afternoon)

Award ceremony (evening)

Saturday, 17.9.2022 public presentation of the results

Sunday, 18.9.2022 Check-out from the hotel

what we organise for you

- Expense allowance of 500 € (gross)
- Accommodation (simple hotel / pension or similar)
- Basic catering (breakfast, dinner, drinks)
- Chance of a prize money of 2.500 € for the best team
- Travel allowance if travelling far (limited budget)
- Implementation budget for each team
- Support from individual experts (in the field of your choice)
- Technical equipment rental with basic hardware and material
- Team workplace
- Evaluation by a renowned jury of experts
- Public award ceremony as part of the Biennale programme
- Exhibition space as part of the first Biennale of the Urban Landscape
- Press & media attention via lala.ruhr channels
- Professional documentation

what you should bring with you

- Curiosity about people and issues, a desire for a challenge and enthusiasm for technology and green issues.
- Stamina and time! Please only apply if you can be on site in Gelsenkirchen for the whole week and if you are willing to work in a team with people you don't know before.
- Bring your own device! Please bring a laptop and if possible other hardware, software and other technical devices you would like to work with. We will ask you for further technical wishes and try to fulfil them.

this is your contact for all questions

Sabrina Chmielewski

sc@mxr-storytelling.de

Apply now

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Organiser:



labor der
landschaft

Kemner & Schlecht GbR
Bochumer Straße 140-142
45886 Gelsenkirchen

In cooperation with:

