



TDK 2023. /

The present and future of Inner Elizabeth Town: or take the work of urban planners

Brief /

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Consultants /

any faculty member of the department

2023/autumn



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The Inner-Elisabeth Town, or the "Jewish Quarter" as many references to Budapest or advertisements for tourists refer to it, is one of the city's most culturally rich and diverse areas. A few decades ago, when the intention to build the Mátyás promenade was on the agenda, there was a rich debate about the fate of the area, but the dynamics of the city's transformation have continued to shape this incredibly exciting urban quarter ever since.

The TDK calls for a rethinking of the vision of the district, but using state-of-the-art tools such as artificial intelligence imaging applications.

The „target area" is the area bounded by the Inner-Elisabeth Town boulevards and Rákóczi and Andrásy roads. Within the given area, urban visions or even fictional narratives are to be formulated that deal with the possible future or transformation of the city in the short or long term. The themes can reflect positive international trends in cities (pedestrian and cycling-friendly cities, the rise of blue-green infrastructure), global climatic or political changes (global warming, wars, migration), or present entirely fictional narratives.



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The "designs" MUST be created using AI imaging applications, but the images to be manipulated must be created by the participants themselves (own photo).

For the creation of the images, we recommend primarily the DALL-E application (students registering for the TDK will be given access to the DALL-E application in such a way that they can consume the credits needed to generate the images at the expense of the department's subscription), but any other software or application is allowed.

Organized joint programmes (dates later):

- Site visit / city walk: János Klaniczay / Árpád Szabó (in English)
- Lectures and consultation with artificial intelligence expert

Any faculty member of the department can be chosen as a consultant, but registration on the department's TDK platform is required.

The TDK can be written individually or in groups of up to two.

To be submitted:

1.) A series of at least 8 and up to 10 pairs of images, showing side by side the current state of the area (own photo) and the vision of the future. To be submitted by the TDK deadline as a merged pdf, while for the TDK presentation it must be printed on A3, landscape-oriented pages.

2.) Description (minimum: 10, maximum: 15 pages) which must consist of three parts:

- To present the concept of the plan, through which the relationship to narrative and place can be understood and interpreted. The genre of the text is optional: it can be a traditional description, based on research, or a literary essay. The use of artificial intelligence is allowed (min. 2, max. 4 pages).
- A description of the methods used, with particular reference to the keywords and phrases used to generate the images (or relevant text, if applicable) - max 1 page
- 8-10 pages documenting the images as part of the study

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TDK 2023. /

References, materials and recommended literature

- Re-Imagining Urban Spaces with DALL-E 2 AI, A Prompt Book for City Planners, Designers, Developers, and Citizen Activists - <https://www.wordsbuildcities.com/projects/dalle>
- Amateur urban planners use DALL-E to re-imagine cities without cars - <https://thred.com/culture/amateur-urban-planners-use-dall-e-to-re-imagine-cities-without-cars/>
- Sachith Seneviratne, Damith Senanayake, Sanka Rasnayaka, Rajith Vidanaarachchi, Jason Thompson: DALLE-URBAN: Capturing the urban design expertise of large text to image transformers - <https://arxiv.org/abs/2208.04139>
- Urban Artificial Intelligence / Dalhousie University/ youtube video - https://www.youtube.com/watch?v=zYs0XKPKMcU&ab_channel=DalhousieUniversity
- Can Artificial Intelligence Systems like DALL-E or Midjourney Perform Creative Tasks? / https://www.archdaily.com/987228/can-artificial-intelligence-systems-like-dall-e-or-midjourney-perform-creative-tasks?ad_source=search&ad_medium=projects_tab&ad_source=search&ad_medium=search_result_all
- Guidebook for an Urban Ecological Tour on housing in the city of Budapest / https://urb.bme.hu/segedlet/angol/professional_tour_on%20housing_in_BP.pdf
- The impact of the Madách Project on the Jewish District urban fabric / https://issuu.com/elise.mathon/docs/research_elise_mathon_pdf

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