• Paper / Proposal Title:
Mapping the Temporality of Urban Events

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• Abstract (300 words):
Analyzing the social structures of the city through activities has been an issue of interest for architects and urban designers. The developments in digital technology made reaching a great amount of data about the urban environment easy. The data of events that take place in the urban environment such as time and location of the activity and the number of people who visited the places during the activity can be accessed through digital information technology. The big data give information about the activities that take place in specific locations and allows us to uncover the temporal activity patterns in the urban environment. For example, the study by Jang and Kim aims to visualize the collective identity of place by using textual and location data extracted
from Instagram to create a ‘crowd-sourced cognitive map’\textsuperscript{1}. They used Instagram check-in data and categorized the textual data on Instagram under the keywords ‘activity’ and ‘meaning’ to demonstrate spatial relations in Bundang. Moreover, in another study\textsuperscript{2}, time as a component of expressing place is used by using Instagram check-in data and photographs. The authors created a composition of photos taken in a specific place in a specific date during a specific activity that is Independence Day celebrations in Tel Aviv. In this scope, the aim of the paper is to evaluate the current examples of mapping that visualize time, space and activity with web data to make the rhythm of activities more visible for a better understanding of the character of human behavior in the urban environment.

\textbullet \textbf{Author(s) Biography (200 words each):}

\textbf{Melek Demiröz} is a research assistant at Atılım University Department of Architecture. She received a bachelor’s degree in architecture from Middle East Technical University in 2017 and she continues her education there in the master of architecture program. She is interested in urban design, urban sociology, and the place of architecture in the contemporary urban environment, creative mapping and place theories.

\textbf{Ela Alanyali Aral} is an Associate Professor of Architecture at Middle East Technical University, Ankara. After receiving her Ms.Science degree in Architecture on the Visual Structuring of Ankara, she studied the Potentialites of Leftover Spaces for Public Realm in her PhD (METU) and Creative Mapping in Architecture in her post-doc studies (TUDelft). Dr. Alanyali Aral conducts two graduate elective courses on creative mapping techniques (Arch 535 Creative Mapping Techniques in Architecture) and the design capacity of mapping (Arch 726 Mapping As Design) at the department of Architecture. Dr. Alanyali Aral who has several printed articles in different international journals such as Landscape Research and METU Journal of Faculty of Architecture has been continuing her research on topics like creative mapping techniques, migration in the urban context, leftover spaces along urban routes, and the Phrygian Ankara. Her publications on mapping include the book Mapping Syrian Migration –Migrant Spaces in Ankara (2018, Ankara: METU Faculty of Architecture Press), and ‘Mapping – A Tool for Visualising “Lived Space” in Architecture’, in Z. Onur, E.Tarasti, I. Şığırcı and P. Yörükoğlu (ed.) Is it Real? Structuring Reality by Means of Signs (2016, Newcastle upon Tyne, UK: Cambridge Scholars Publishing, pp. 233-243).


\textsuperscript{2} Hochman, Nadav, and Lev Manovich. 2013. “Zooming into Instagram City Reading the Local through Social Media.” First Monday 18 (7).