1. Title

Bike for a better world

2. Duration (only workshops and tutorials)

Half day ___ Full day ___

3. Organizers and presenters' names and affiliations

Esther Kwak, UC Davis

4. Abstract (ready for diffusion). 200 words maximum.

Biking has multiple benefits for individuals' health and finances as well as for the environment and sustainability. My project is promoting bicycling generally, for recreation, for transportation, as well as for fun through a visually appealing, interactive interface. I hope that users will be able to learn more about biking data and then be able to make more informed decisions in the future.

5. Rationale, instructional methods, and description

This is a website that visualizes data from methods of transportation: biking, bussing, and walking. Through sensors there will be several aspects of interaction with users when creating the data to make it more appealing for users to dive deeper into the content. Overall, this project aims to help educate people further about the environmental and health benefits of biking. In Davis biking is very popular and one of the most convenient methods of transportation. I hope that users can use this project to learn more about why biking is important and then be able to take what they learn and change their habits or make positive changes in their life. The data from biking displayed in an appealing way may attract more people to learn more as well as interact and contribute to the benefits.

6. Plan to solicit participation (only workshops and tutorials)

7. URL of website (only workshops and tutorials)

8. Technical Rider. Please provide the requirements (technological equipment, materials and characteristics of space) (only workshops and tutorials)

9. Biographies of the Author(s).

Esther Kwak is a graphic designer from San Jose. She attends UC Davis and is studying design with a minor in computer science. Her passions include human-centered and sustainable design. She hopes to work in the Bay Area after graduating. She is inspired by people and their stories, the beauty of nature, as well as the intersection of design and technology.

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Keywords: Biking, transportation, sustainability, data visualization

Sub-themes: Please select one or more sub-themes

Bio creation & data
Critical perspectives on the use of technology for peace
Media art, landscape and heritage
***Interdisciplinary platforms for coexistence
The cultural dimensions of bio-creation and peace
Design, Art, Science, and Technology