

Abstract Submitted
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Fluidic Data: Motivations and lessons learned in constructing an art installation at the CERN Data Centre¹ JOHAN BONILLA², University of California, Davis, CERN TEAM³ — Fluidic Data is an art installation at CERN's Data Centre created by a collaboration led by artist Agnes Chavez with various personnel of CERN and the LHC experiments. The art piece spans the full four-floor staircase of the Data Centre entrance and describes the data throughput from the four large LHC experiments: ALICE, ATLAS, CMS, and LHCb. The artist collaborated with advisors from each of the experiments to create a physics-focused story for the public. The author/presenter, Johan S Bonilla, led Data Visualization Design and provided the technical bridge between the artist and physics experts. They will present the motivation and design of the piece, and address lessons learned working with the interdisciplinary collaboration.

¹We would like to credit the CERN IT department for providing funding and personnel to execute the project.

²Work performed by author/presenter began while they were an ATLAS collaborator through the University of Oregon.

³The driving department within CERN was IT, however the team consisted of collaborators from ALICE, ATLAS, CMS, LHCb, the Engineering CERN department, and the artist Agnes Chavez.

Johan Bonilla
University of California, Davis

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