



## *Ground System Architectures Workshop* *Driving Innovation for Enterprise Integration*

February 23–March 3, 2022 | Virtual Event

### **Sara Schnadt**

Sara Schnadt is an artist, designer and systems architect who has worked in her career prior to JPL to create tools to provide wide access to civic data sets in the arts, digital journalism, data science for scientific research, and Earth-observing aerospace. Since joining JPL in 2017, she has designed a system architecture for mathematical model management for use in mission planning for the Europa Clipper mission. She has also designed and implemented an architecture to capture science intent in science planning tools, and designed and overseen development of a series of cross-cutting operations tools for Mars 2020.

Before JPL, Sara built the first design team at Planet Labs, an aerospace startup that is imaging the entire earth every day in order to monitor climate change and other planet-scale dynamics in real time. She also oversaw design of their first public-facing interface for exploring their imagery. Other projects include designing tools for big data analytics for Science Data at Anaconda, designing Census Reporter (a data visualization interface and exploration tool to help journalists incorporate census data in their work), and OpenElections (an election data access project).