

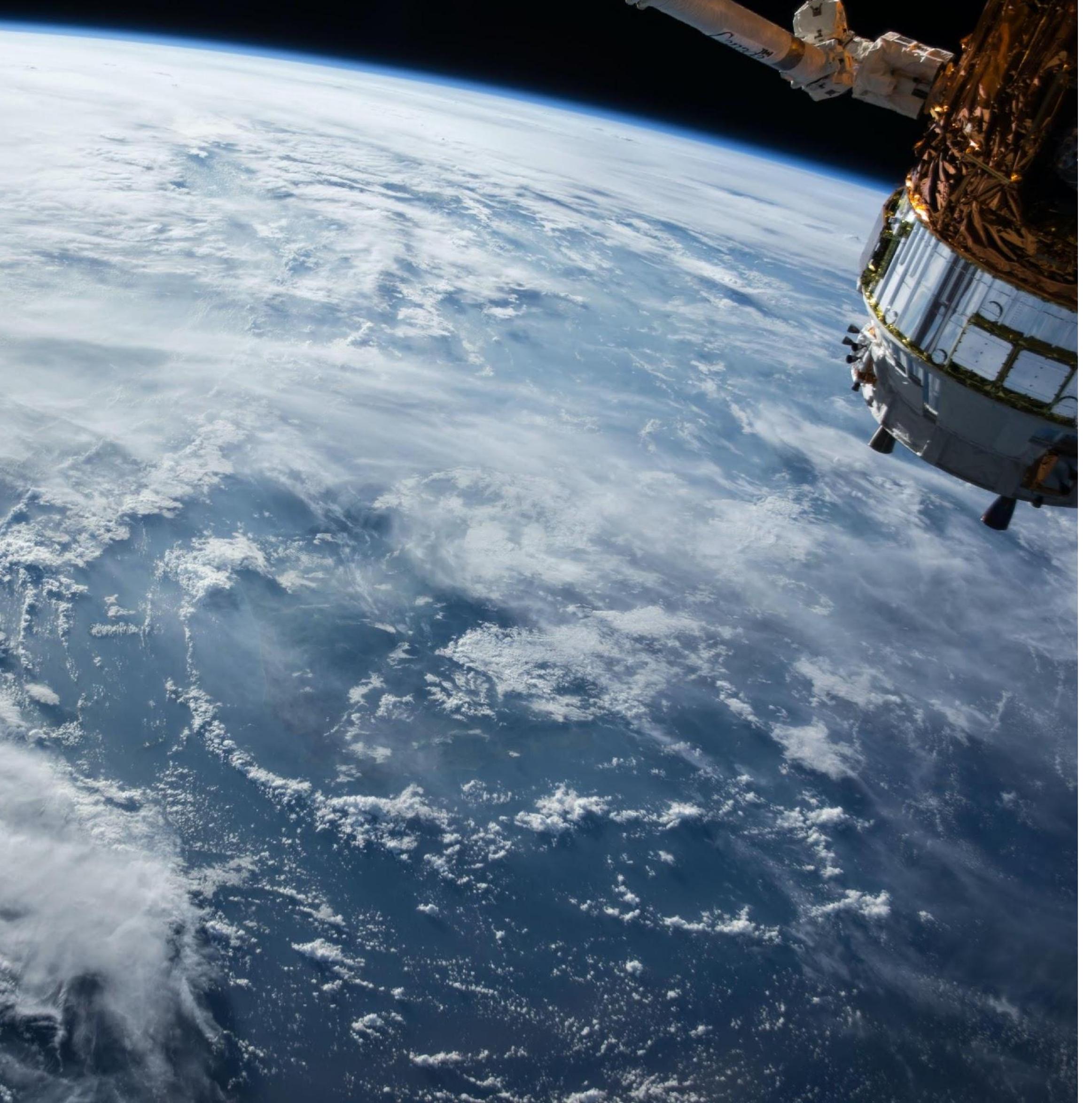
Geospatial API

Code Sprint 

15th-17th November, 2021

Agenda

- Introduction
- Sprint Goals
- Q & A



Brought to you by:



Open
Geospatial
Consortium





What is OGC?

A hub for thought leadership, innovation, and standards for all things related to location

Our Vision

Building the future of location with community
and technology for the good of society

Our Mission

Make location information Findable, Accessible,
Interoperable, and Reusable (FAIR)

Our Approach

A proven collaborative and agile process combining consensus-based
standards, innovation project, and partnership building



Who Are Our Members?

Commercial

Business Development

Global: Brand Exposure

Competitive Technical Advantage

Funding for Innovation

Government

Innovation & Market Support

International Partnerships

Trusted Advice

Operational Policy

Support & Certification

Research & Academia

Applied Research Partners

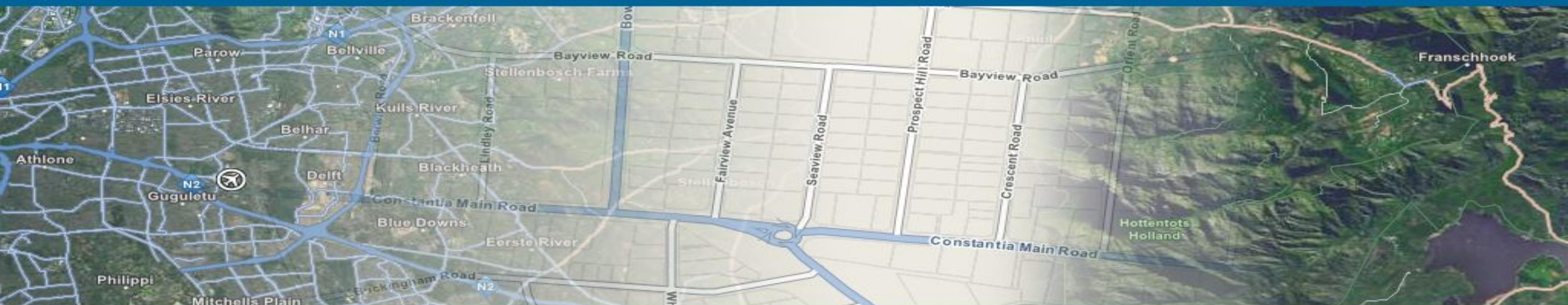
International Collaboration

Funding for Innovation

Citations

ISO/TC 211 Geographic information/ Geomatics for OGC Code Sprint November 9th, 2021

Peter Parslow, ISO/TC 211 chair-elect



Welcome 🙌

Geospatial API Code Sprint (15th-17th November)

- A **Code Sprint** is a collaborative and inclusive event to support the development of new applications and open standards, as well as creating awareness about the standards.
- This sprint will focus on **OGC API Features/ISO 19168-1:2020** standards.

Sprint Structure (2x speeds)

The sprint will take place on the OGC Events Discord Server.



Main Track
General channels



Mentor Stream
Mentoring channels

Main Track



- Developers will be working at their own pace:
 - Developing standard implementations.
 - Testing standard implementations.
 - Providing feedback.

Main Track

- Discussion/knowledge sharing is encouraged at the #General channel (text), or at the #Breakout Room (voice).
- We'll meet at given checkpoints during the day, at the #Main Stage.

Sprint Cycle

Demo/Discuss
on #Main
Stage

Practical Work/
Discuss on
#general



Mentor Stream



- Developers will have the opportunity to give their first steps, using the standard.

Mentor Stream

- Tutorials will take place at the #Mentor Room (voice).
- We'll make a curated dataset available for the sprint, after the first tutorial.
- You can reach out to mentors on the #Mentor Room (text).
- You can start your journey here:
<https://tinyurl.com/features-api>

Tutorials



- Monday, 10am-10:45am: Share your Data with OGC API Features
- Monday, 1:30pm-3:00pm: Introduction to SpatioTemporal Asset Catalogs (STAC) and its use of OGC API features
- Tuesday, 10am-10:45am: Load feature data into your frontend application
- Tuesday, 1pm-1:45pm: Testing implementations of OGC API - Features for Compliance to the Standard

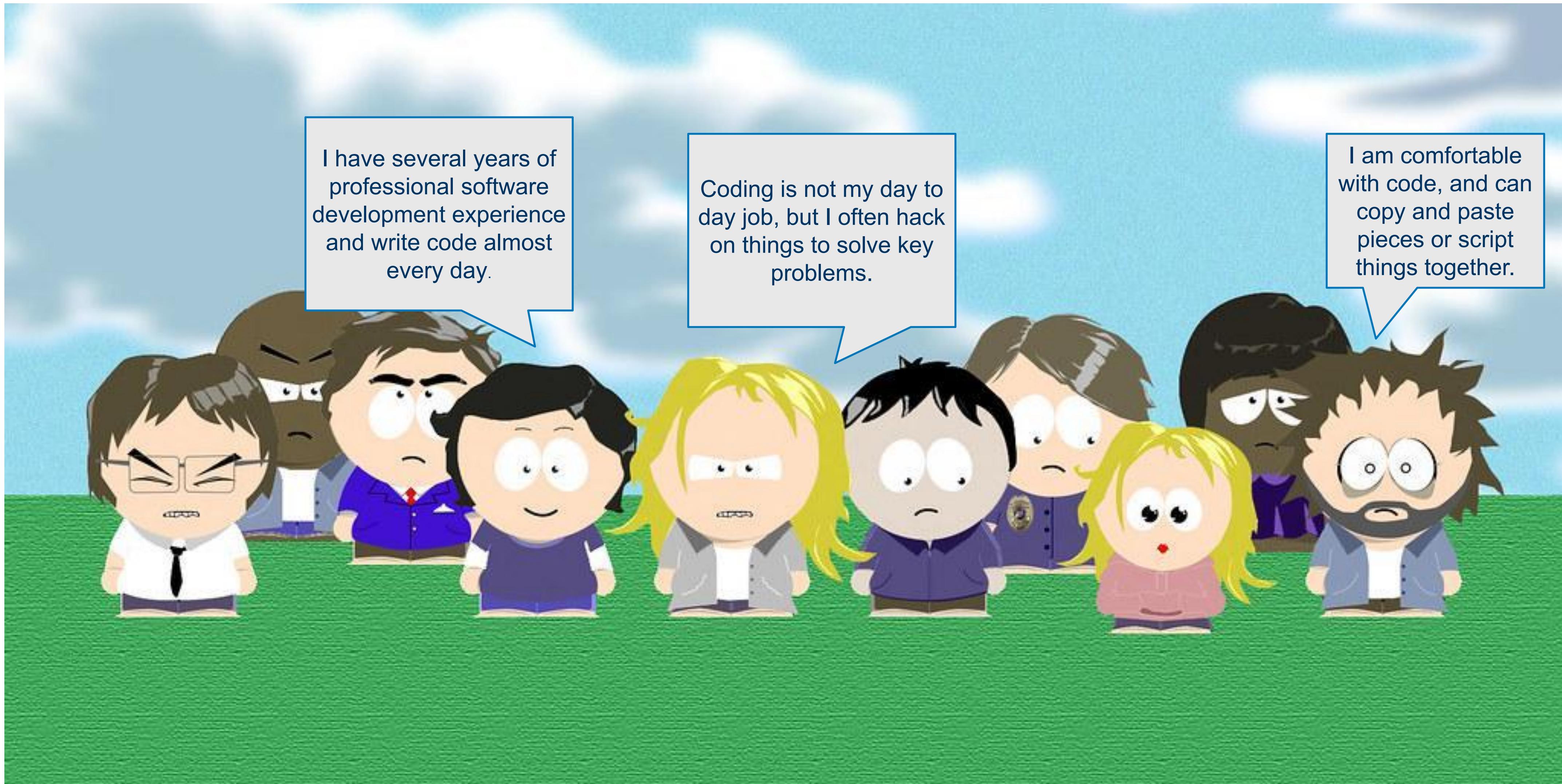
More information available at:

<https://github.com/opengeospatial/developer-events/wiki/November-2021-Geospatial-API-Code-Sprint>

<https://tinyurl.com/geoapi>



Who are the participants of this sprint?



Where do they come from?



#Introductions

The screenshot shows a Slack interface for the 'OGC Events' workspace. The left sidebar lists various channels: #judging, #mod-log, Staff War Room, #general, #event-questions, Lounge, Main Stage, Breakout Room, #sponsor-1, ACTIVITIES, MENTORING, #whois, #find-a-mentor, #mentor-room, Mentor Room, and a direct message with doublebyte (#8420). The main channel, #introductions, is highlighted and displays a welcome message from Mats Åhlin and Joana Simoes, along with a clapping hands emoji.

introductions

Introduce yourself and share any links you'd like to. Please, keep the conversations in #general instead.

Welcome to #introductions!

This is the start of the #introductions **private** channel. Introduce yourself and share any links you'd like to. Please, keep the conversations in #general instead. You can use the next template for an introduction:

- Who you are and where you come from.
- Where you study or work at and what your role is.
- Your general craft and hobbies.
- Where can people follow you.

Additionally, you can add if you're looking for a team and what.

Add members or roles | **Edit Channel**

Event Staff | Mentor | Speaker | Judge | Sponsor | Attendee

October 20, 2021

Mats Åhlin - CM ISO/TC 211 10/20/2021
I seem to be able to write here.

November 9, 2021

doublebyte Today at 6:01 PM
Indeed you can
Feel free to introduce yourself in this channel
My name is Joana Simoes, Data Engineer/Data Scientist and Developer Relations @ OGC

clapping hands emoji

Message #introductions

EVENT STAFF — 2

- doublebyte
- Scott Simmons OGC

ONLINE — 6

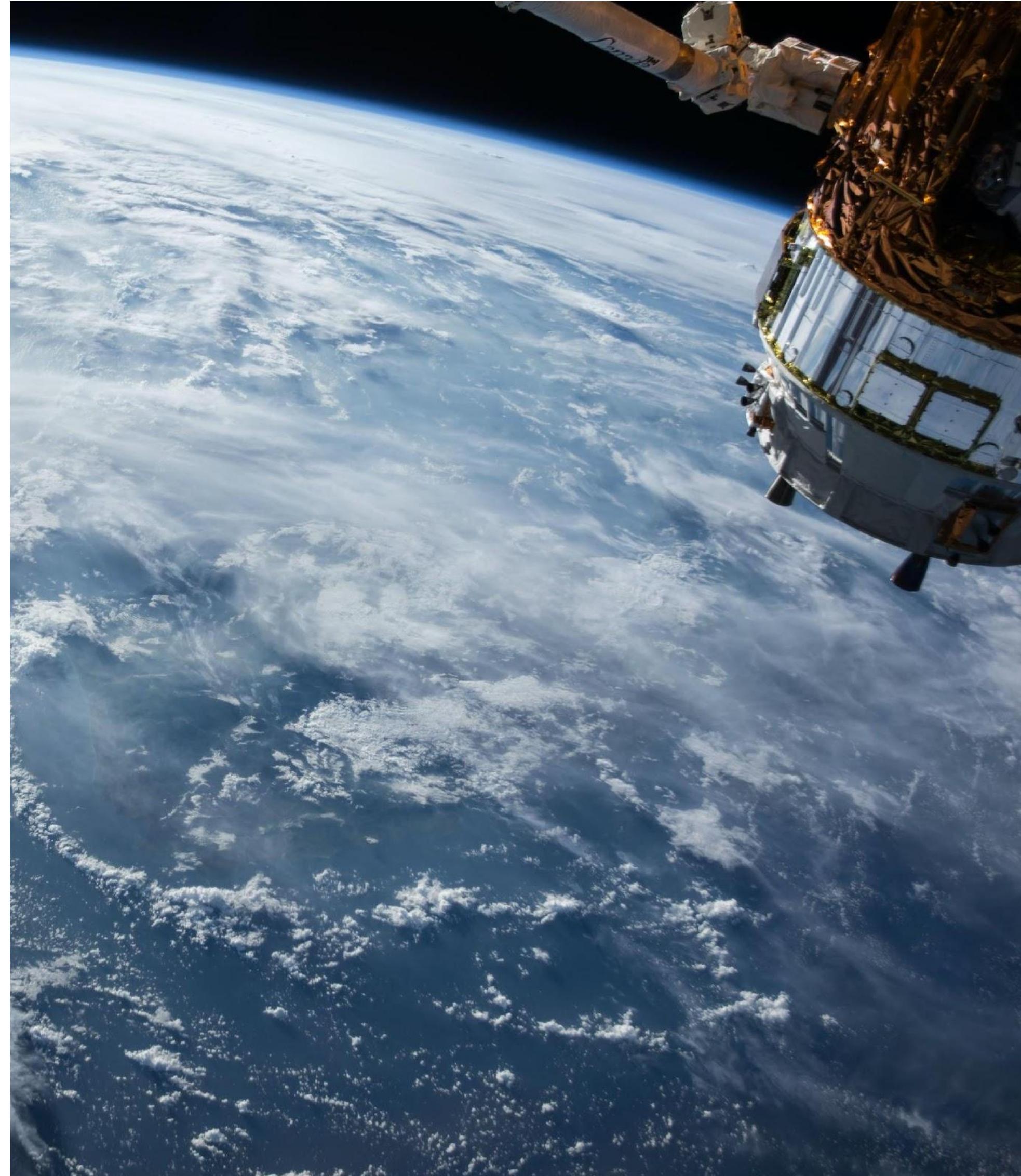
- adesugbaa
- bgrotan Playing Zvift
- Flavia R Ferreira
- francbartoli
- greenscar
- SAT

OFFLINE — 28

- ajay.gondane
- AntoC
- Cameron Wilson
- Carlos Mota
- carlospalma
- cportele
- Daniel Lugo

Sprint Goals

An aerial photograph capturing a vast, snow-covered landscape from high above. In the foreground, a range of mountains is visible, their peaks and slopes blanketed in white. Below the mountains, a dense network of roads and fields creates a patterned texture across the terrain. The sky above is a clear, pale blue, providing a stark contrast to the white ground below.



Thank You

Community

500+ International Members
110+ Member Meetings
60+ Alliance and Liaison partners
50+ Standards Working Groups
45+ Domain Working Groups
25+ Years of Not for Profit Work
10+ Regional and Country Forums

Innovation

120+ Innovation Initiatives
380+ Technical reports
Quarterly Tech Trends monitoring

Standards

65+ Adopted Standards
300+ products with 1000+ certified implementations
1,700,000+ Operational Data Sets
Using OGC Standards

