



Open  
Geospatial  
Consortium

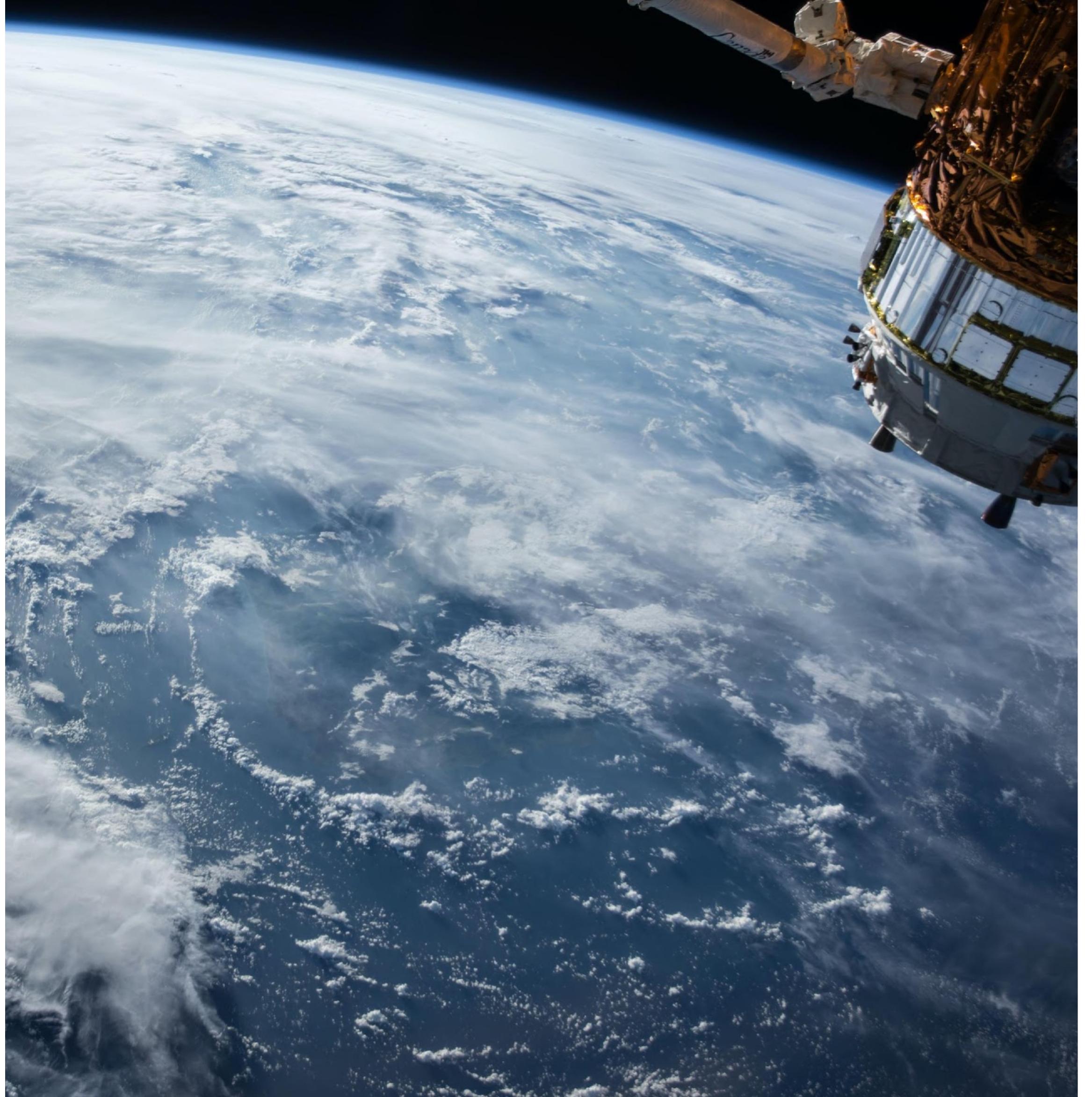
# Vector Data Code Sprint

Pre-event webinar

12-14<sup>th</sup> July, 2022

# Agenda

- Welcome Remarks
- Overview of OGC API - Features
- Overview of OGC API - Moving Features
- Overview of OGC API - Routes
- Overview of OGC API - GeoVolumes
- Q & A





# What is OGC?

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**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?

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## Commercial

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Business Development

Global: Brand Exposure

Competitive Technical Advantage

Funding for Innovation

## Government

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Innovation & Market Support

International Partnerships

Trusted Advice

Operational Policy

Support & Certification

## Research & Academia

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Applied Research Partners

International Collaboration

Funding for Innovation

Citations

# Welcome



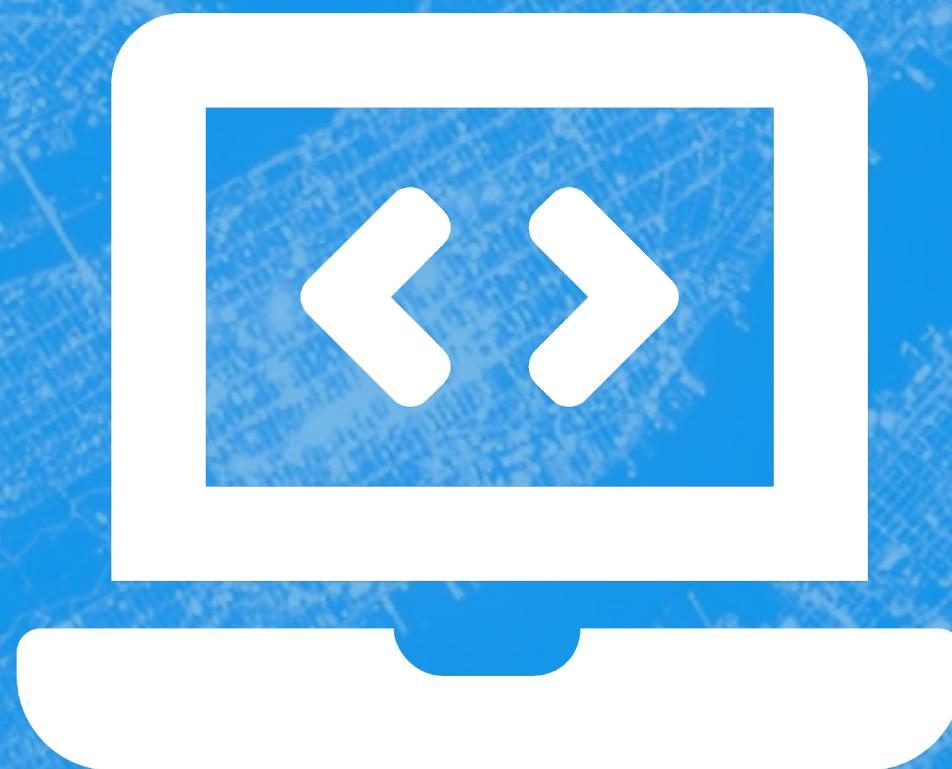
## Vector Data Code Sprint (12<sup>th</sup>-14<sup>th</sup> July)

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.

# What happens during the code sprint?



Discussions



Independent Work



Mentor Stream

# Tutorials



- Testing implementations of OGC API - Features for Compliance to the Standard
- More to be added soon!

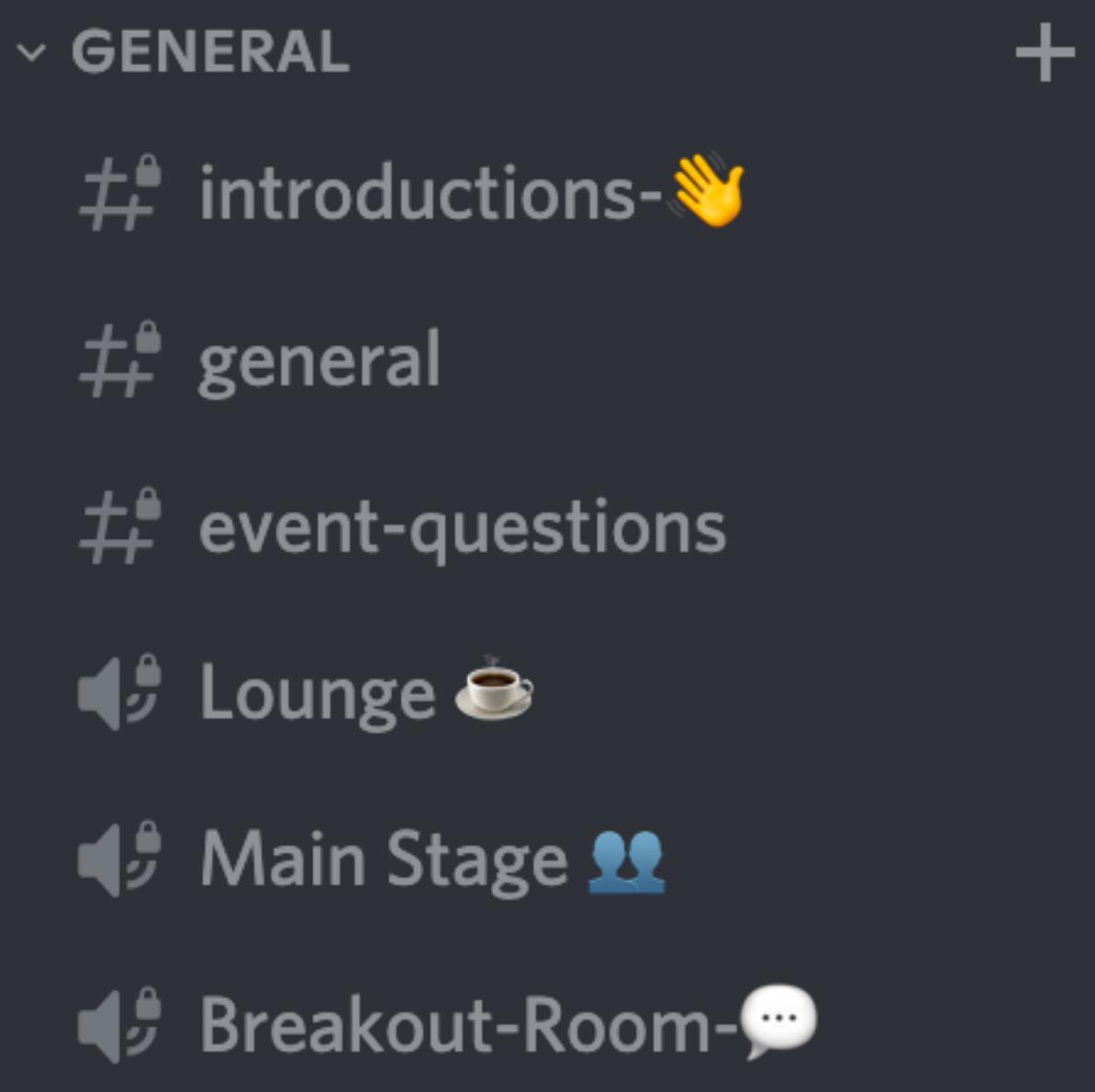
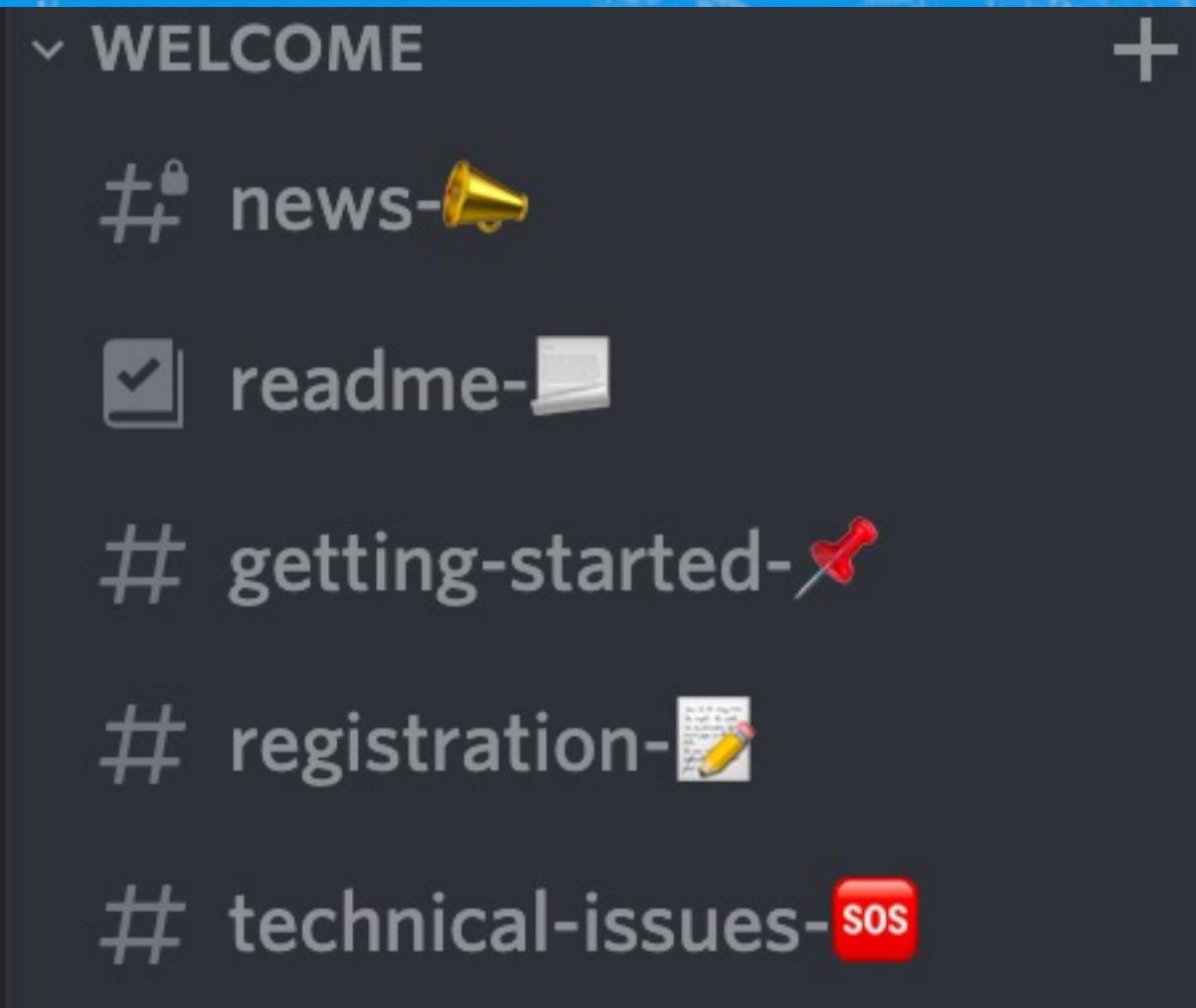
Add more here ➡

<https://github.com/opengeospatial/developer-events/wiki/Vector-Data-Code-Sprint#mentor-streams>

# OGC Events Discord Server



Meta channels:  
check-in and  
general info



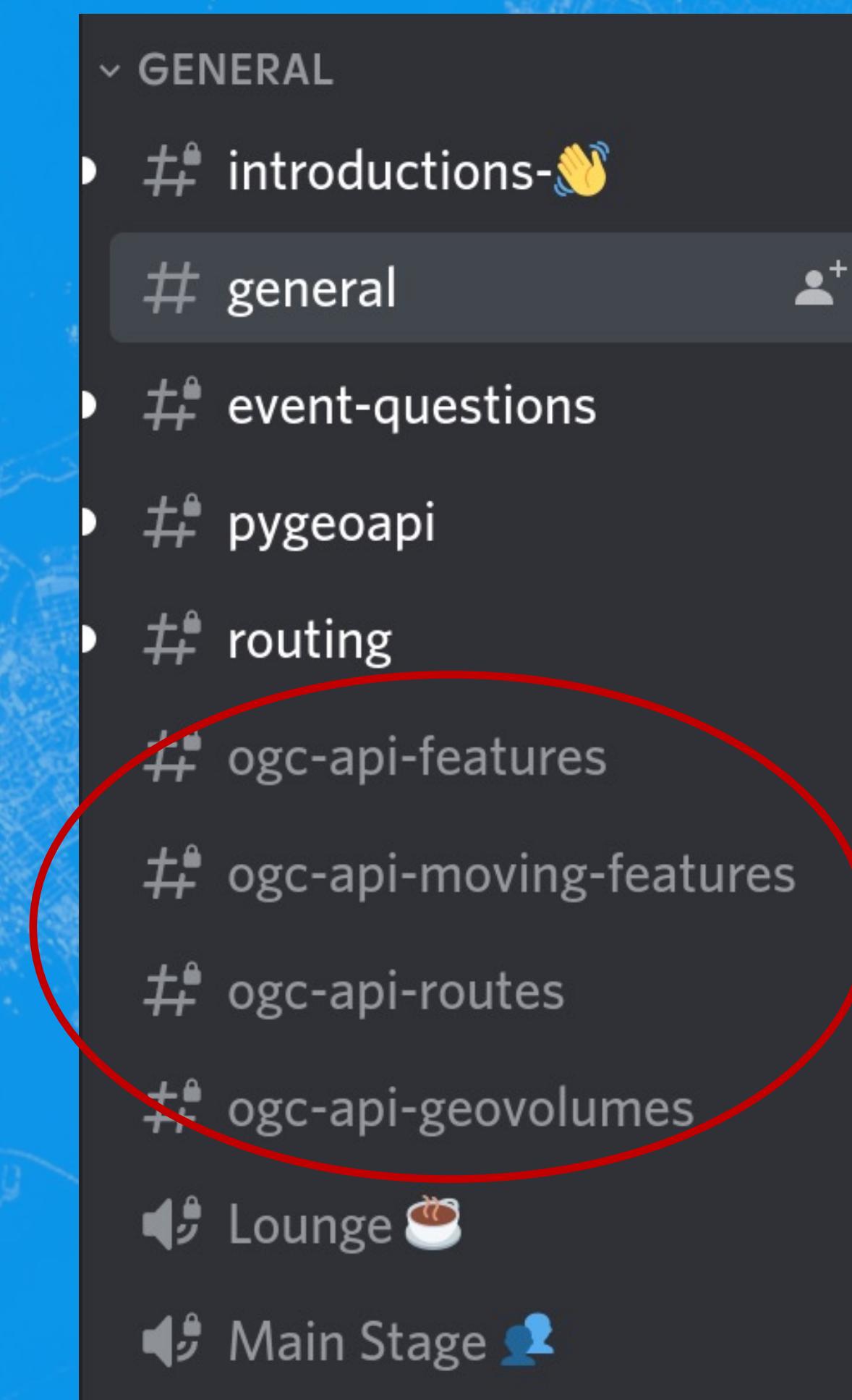
Main track:  
Kick-off,  
standups and  
demos



Mentor stream:  
tutorials, 1:1  
mentoring

Matrix bridge: <https://matrix.to/#/%23ogc:matrix.org>

# Added channels



# Day #1 - Tuesday, the 12<sup>th</sup> of July, 2022

2022-07-12		Day #1: Kick-Off	
	05:00 - 05:10 EDT/ 11:00 - 11:10 CEST	Welcome Remarks - Joana Simoes	V:  #Main Stage
	05:10 - 05:35 EDT/ 11:10 - 11:35 CEST	Sprint Goals for OGC API - Features, Moving Features, Routes and GeoVolumes	V:  #Main Stage
	05:35 - 05:45 EDT/ 11:35 - 11:45 CEST	Q&A	V:  #Main Stage
	05:45 - 14:30 EDT/ 11:45 - 20:30 CEST	Practical work	V:  #Breakout Room
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Daily Brief Back	V:  #Main Stage

# Day #2 - Wednesday the 13<sup>th</sup> of July, 2022

2022-07-13		<b>Day #2</b>	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:  <a href="#">#Breakout Room</a>
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:  <a href="#">#Main Stage</a>
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:  <a href="#">#Breakout Room</a>
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns	V:  <a href="#">#Main Stage</a>
	11:00 - 14:30 EDT/ 17:00 - 20:30 CEST	Practical work	V:  <a href="#">#Breakout Room</a>
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Daily Brief Back	V:  <a href="#">#Main Stage</a>

# Day #3 - Thursday, the 14<sup>th</sup> of July, 2022

2022-07-14		<b>Day #3: Final Day</b>	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:👤 #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:🏛️ #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:👤 #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns	V:🏛️ #Main Stage
	11:00 - 13:30 EDT/ 17:00 - 19:30 CEST	Practical work	V:👤 #Breakout Room
	13:30 - 14:30 EDT/ 19:30 - 20:30 CEST	Demos	V::📣 GotoMeet
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Wrap-up	V::📣 GotoMeet

# Feel Free to add more items to the schedule

2022-07-14		Day #3: Final Day	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:👤 #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:🏛️ #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:👤 #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns	V:🏛️ #Main Stage
	11:00 - 13:30 EDT/ 17:00 - 19:30 CEST	Practical work	V:👤 #Breakout Room
	12:00 - 13:00 EDT/ 18:00 - 19:00 CEST	Working group meeting	V:👤 #Breakout Room
	13:30 - 14:30 EDT/ 19:30 - 20:30 CEST	Demos	V:钲 GotoMeet
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Wrap-up	V:钲 GotoMeet

👉 <https://github.com/opengeo spatial/developer-events/wiki/Vector-Data-Code-Sprint#schedule>

# Missed a session?

- Slides will be uploaded to GitHub.
- There will be a video recording of the demo session.
- There will be audio recordings for all the other sessions at the #Main Stage.

# More Information

**GitHub repo:**

<https://github.com/opengeospatial/developer-events/tree/master/2022/Vector-Data-Code-Sprint>

**Wiki page:**

<https://github.com/opengeospatial/developer-events/wiki/Vector-Data-Code-Sprint>

# Overview of OGC API – Features



# Overview of OGC API – Moving Features

An aerial photograph showing a vast landscape covered in snow or ice. In the foreground, there are dark, winding paths or roads. Behind them, a range of mountains with prominent peaks is visible, some of which are capped with snow. The sky above is a clear, pale blue, dotted with wispy white clouds.

# Overview of OGC API - Routes

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is predominantly covered in white snow, with dark, winding roads and patches of vegetation visible. In the distance, a range of mountains with snow-capped peaks stretches across the horizon. The sky above is a clear, pale blue, and the overall scene conveys a sense of travel and exploration.

# Overview of OGC API - GeoVolumes

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is predominantly white and blue, indicating a mix of snow-covered ground and water bodies like lakes or rivers. In the distance, there are dark, mountainous regions. The sky above is a clear, pale blue. The overall scene suggests a cold, possibly Arctic or Alpine, environment viewed from high altitude.



# 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

