



The future of subsea fibre optic sensing From science to policy and society

15-17 April 2026 | University of Copenhagen, Denmark
Full address: Gammeltoftsgade 15; DK-1355 Copenhagen, Denmark
(closest train/metro station: Nørreport Station)

AGENDA

15 April 2026 – Community Event

Building number: CSS 25 ([please see the campus map](#))

Time	Description	Room number
13:00 – 13:30	Arrival and registration	CSS25.01.53
13:30 – 13:45	Introduction <i>Frederik Tilmann (GFZ), Eleonora Parisi (LifeWatch ERIC) & René Belsø (DeiC)</i>	CSS25.01.53
13:45 – 14:30	[Opening Keynote] Wired for wonder and warning: Utilising submarine cables for exploration and environmental resilience Anthony Sladen (Geoazur, France) <i>Moderation: Frederik Tilmann (GFZ)</i>	CSS25.01.53
14:30 – 15:00	Coffee break	
15:00 – 16:30	Training 1: GeoScience Applications <i>Moderation: Frederik Tilmann (GFZ)</i>	CSS25.01.53
16:30 – 18:00	Training 2: Oceanographic Applications <i>Moderation: Athanasia Papapostolou (HCMR)</i>	CSS25.01.53

16 April 2026 – Final Event

Building number: CSS 35 ([please see the campus map](#))

Time	Description	Room number
09:30 – 10:00	Final event official opening <i>Matias Barberis (EFIS Centre) & Chris Atherton (GÉANT)</i>	CSS35.01.06
10:00 – 10:30	[Opening Keynote] When data changes meaning: Ocean science in a security context Sander Isendoorn (Netherlands Ministry of Interior and Kingdom Relations) <i>Moderation: Chris Atherton (GÉANT)</i>	CSS35.01.06

Time	Description	Room number
10:30 – 11:00	Overview of SUBMERSE core results <i>Chris Atherton (GÉANT) & Frederik Tilmann (GFZ)</i>	CSS35.01.06
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 12:45	[Session] The power of fibre sensing technology: SUBMERSE use cases Afonso Loureiro (ARDITI); Susana Silva (INESCTEC); Angelo Strollo (GFZ); Martin Landrø (NTNU); Luca Possenti (WMR) <i>Moderation: Frederik Tilmann (GFZ)</i>	CSS35.01.06
12:45 – 14:15	<i>Lunch</i>	Building 5 (please see the campus map)
14:15 – 14:45	[Keynote] Outlook on fibre sensing applications Dr. Angeliki Xenaki (IACM-FORTH) <i>Moderation: Chris Atherton (GÉANT)</i>	CSS35.01.05
14:45 – 15:30	[Session] Data management strategy, core for future research René Belsø & Hannah Mihai (DeiC) <i>Moderation: Chris Atherton (GÉANT)</i>	CSS35.01.05
15:30 – 16:00	<i>Coffee break</i>	
16:00 – 16:30	[Invited presentation] Two years of DAS acquisition at GEUS: Lessons learned and way forward Aurelien Mordret (GEUS) <i>Moderation: Frederik Tilmann (GFZ)</i>	CSS35.01.05
16:30 – 18:00	Lightning talks by: <ul style="list-style-type: none"> ▪ Rudolf Vohnout, CESNET: (Bidi) channel is all you need ▪ Menno Buisman, NTNU: Ultra long DAS measurements up to 200 km ▪ Miquel Masanas, NOKIA-CORIAN: Processing SOP-OTDR from Ellalink Sines-Fortaleza cable ▪ Nicolas Celli, DIAS: Using long telecom fibre cables as geo-sensors: the IMAGFib project ▪ Peter Gerstoft, TUD: Machine learning, signal processing and applications for DAS <i>Moderation: Frederik Tilmann (GFZ)</i>	CSS35.01.05
19:30 – 22:00	<i>Official Dinner</i>	

17 April 2026 – Final Event

Building number: CSS 35 ([please see the campus map](#))

Time	Description	Room number
09:30 – 10:00	[Session] Future research direction on Seismology, Oceanography, Marine Biology Frederik Tilmann (GFZ), Martin Landrø (NTNU), Athanasia Papapostolou (HCMR) <i>Moderation: Chris Atherton (GÉANT)</i>	CSS35.01.06
10:00 – 11:00	[Panel Session] Research infrastructures: Unleashing the fibre sensing potential together Lise Fuhr (GÉANT), Lilli Fredda (EPOS ERIC), Ingrid Puillat (EMSO ERIC), Alberto Basset (LifeWatch ERIC) <i>Moderation: René Belsø (DeiC)</i>	CSS35.01.06

11:00 – 11:30	<i>Coffee break</i>	
11:30 – 12:00	<p>[Closing Keynote] The subsea fibre sensing revolution is here: where will it take us next? Giuseppe Marra (National Physical Laboratory, NPL - UK) <i>Moderation: Chris Atherton (GÉANT)</i></p>	CSS35.01.06
12:00 – 12:30	<p>Final discussions & Closing remarks Chris Atherton (GÉANT), Frederik Tilmann (GFZ), Matias Barberis (EFIS Centre)</p>	CSS35.01.06
12:30 – 13:30	<i>Lunch</i>	Building 5 (please see the campus map)
13:30 – 16:00	Invite-only session – SUBMERSE	CSS35.01.06