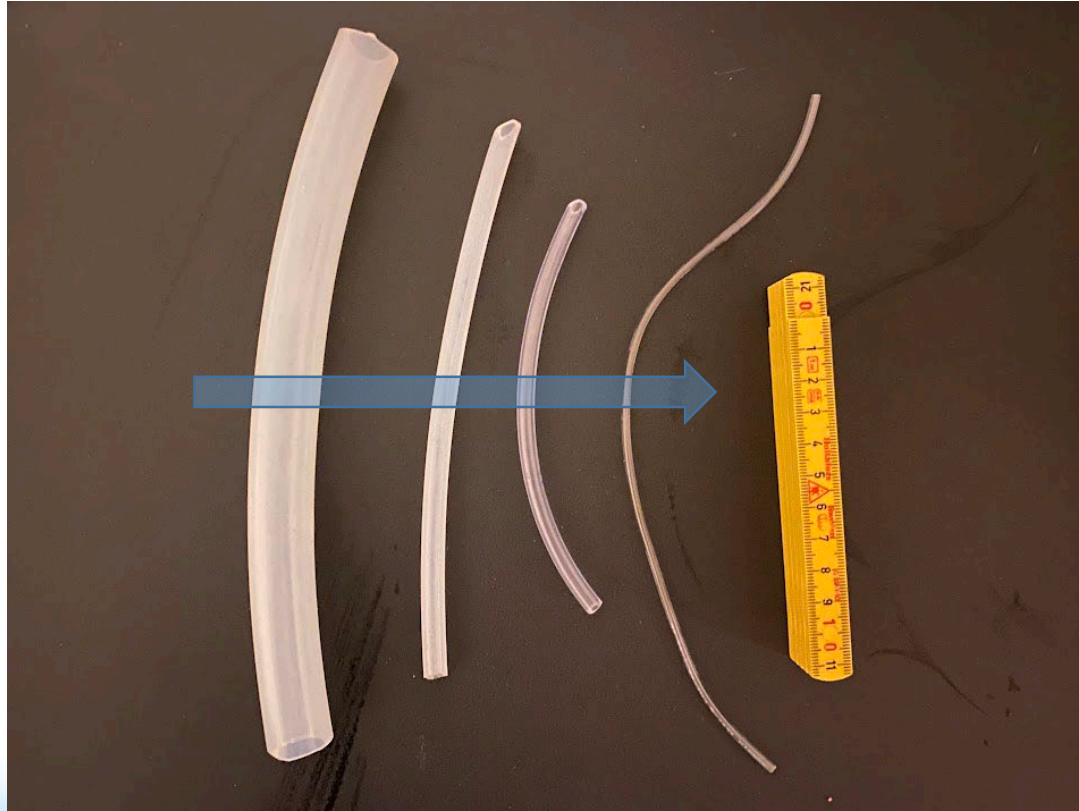


From Macro to Micro Fluidics

11th FerryBox Workshop
28-29 September 2022
Geesthacht Germany

Pierre Jaccard, Caroline Mengeot, Wenche Eikrem, Thomas Heggem, Kai Sørensen, Andrew Luke King, Sabine Marty, Louise Valestrand, Øyvind Ødegaard

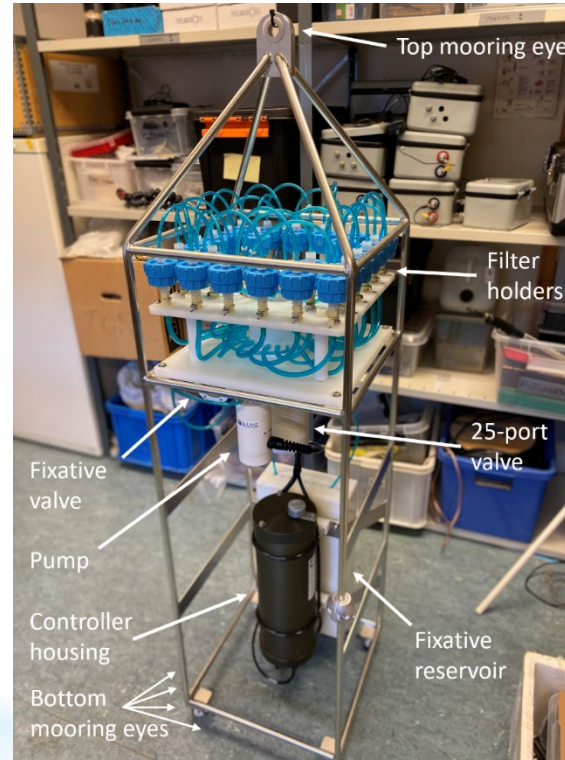
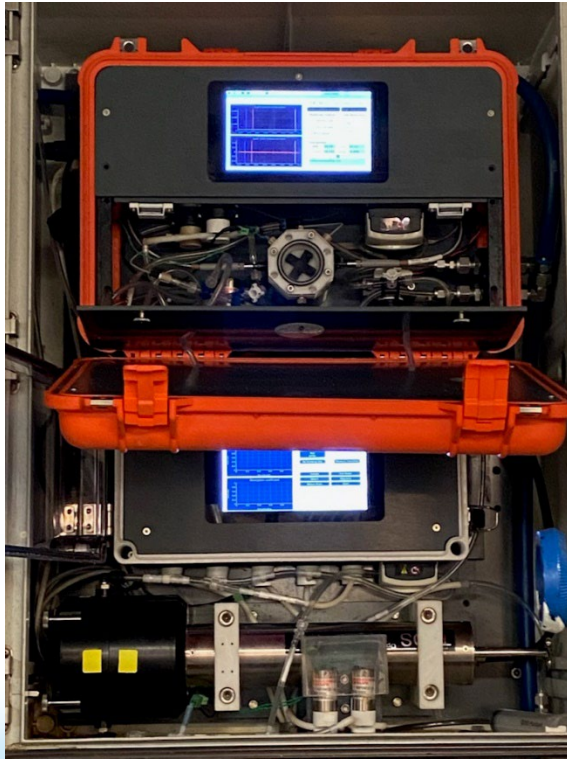
NIVA



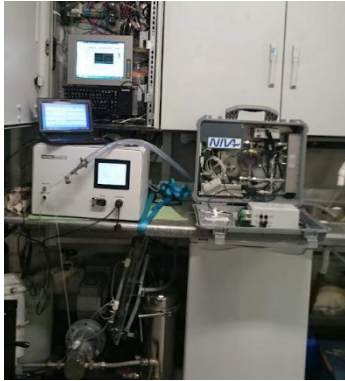
Macro Size



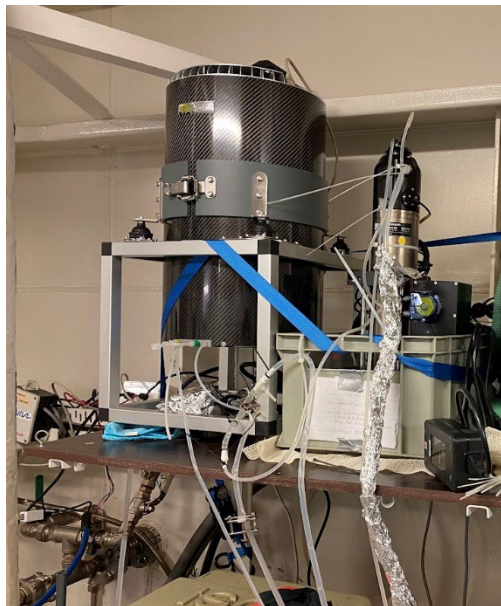
Mid Size



Micro Size







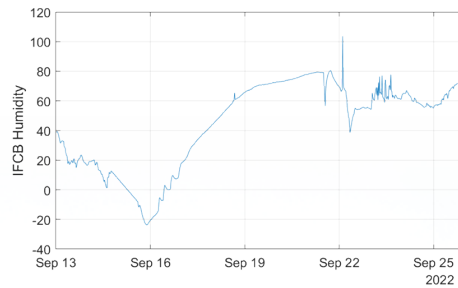
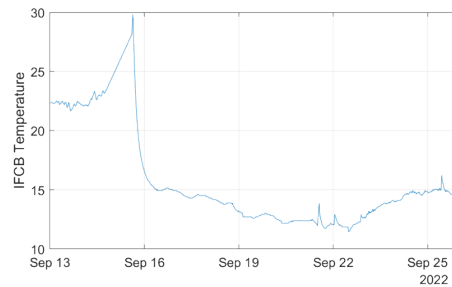
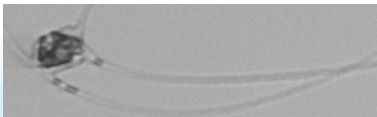
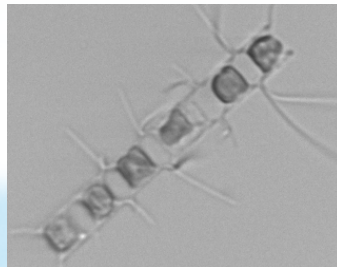
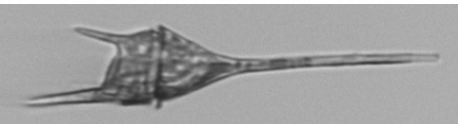
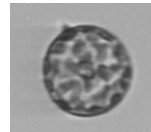
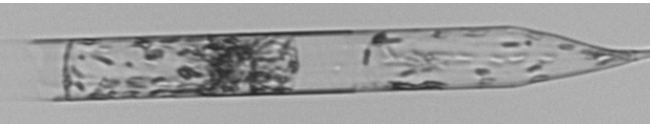
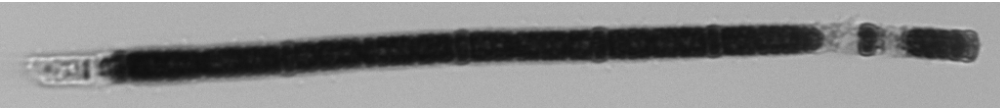
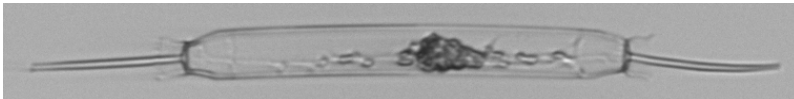
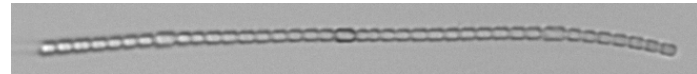
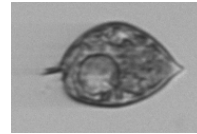
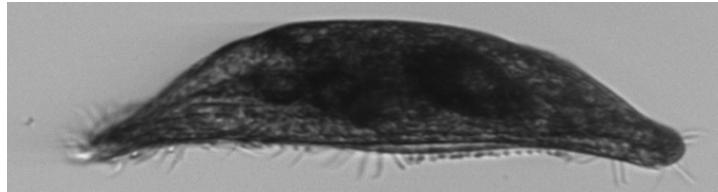
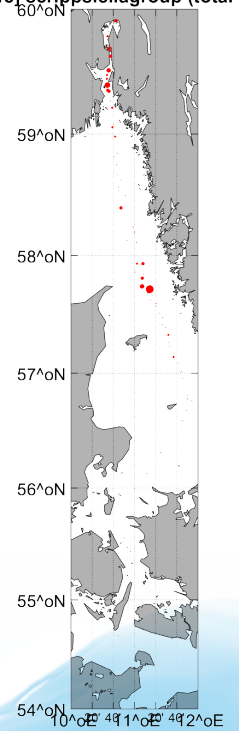


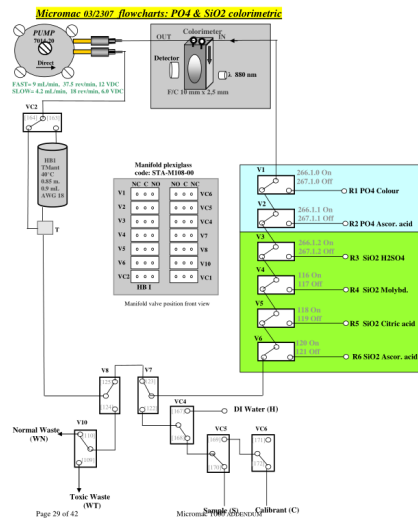
Image Processing



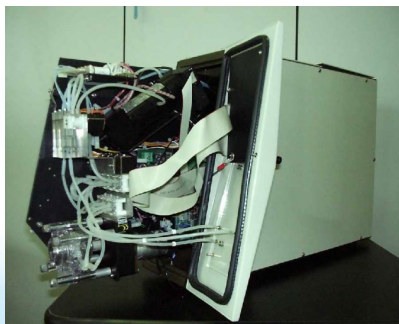


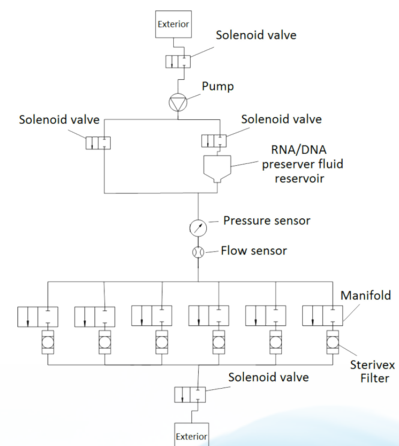
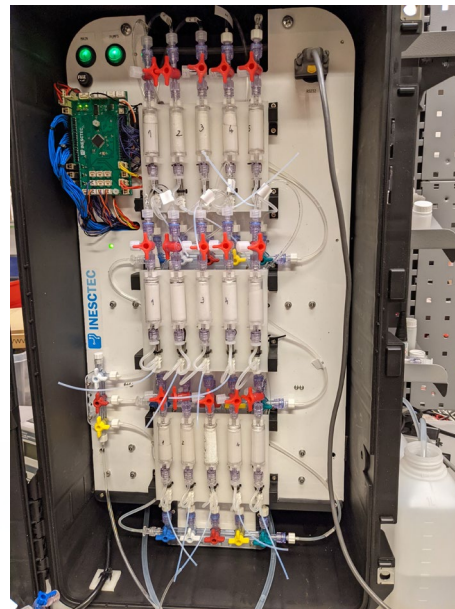
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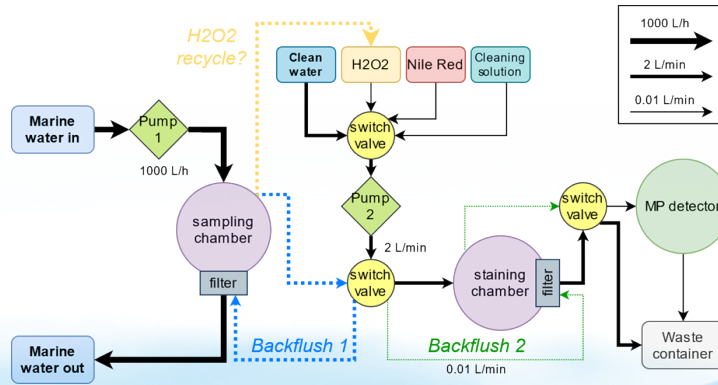
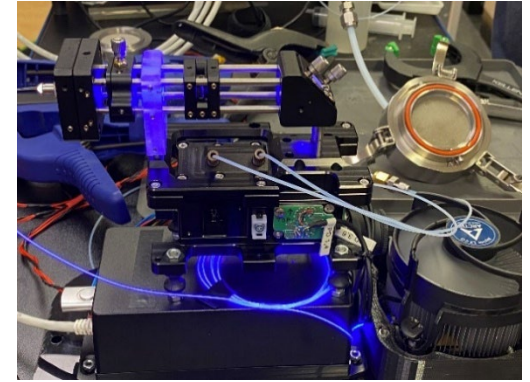
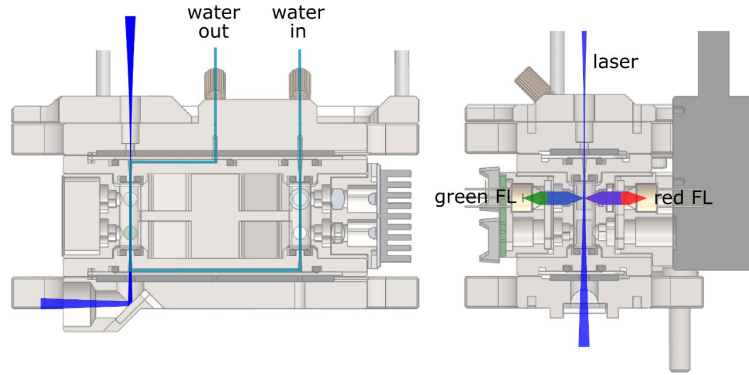




STEP	COMMAND	TIME	TIC	DESCRIPTION
1	65	1	0	PAUSE OFF MOTORS
2	135	1	0	VK7 OFF LED PO4
3	122	1	0	V7 ON ASPIRATION
4	124	1	0	V8 ON TO WASTE
5	107	1	0	V11 ON SAMPLE IN
6	114	1	0	V3 ON DIL LOOP
7	116	1	0	V4 ON DIL LOOP
8	83	60	0	PUMP DIR SLOW (5 ml/min)
9	186	1	0	SAMPLE DETECT ON SAMPLE D. ON
10	187	1	0	Check temperature OFF (OFF HB)
11	108	1	0	V11 OFF WATER IN
12	65	1	0	PAUSE OFF MOTORS
13	117	1	0	V4 OFF
14	115	1	0	V3 OFF
15	52	20	0	SAMPLING (12 ml/min)
16	83	30	0	PUMP DIR SLOW (5 ml/min)
17	65	1	0	PAUSE OFF MOTORS
18	123	1	0	V7 OFF
19	125	1	0	V8 OFF TO LOOP
20	352	5	0	PUMP REVERSE FAST
21	65	1	0	PAUSE OFF MOTORS
22	124	1	0	V8 ON TO WASTE
23	122	1	0	V7 ON ASPIRATION
24	83	60	0	PUMP DIR SLOW (5 ml/min)
25	186	1	0	SAMPLE DETECT ON SAMPLE D. ON
26	187	1	0	Check temperature OFF (OFF HB)

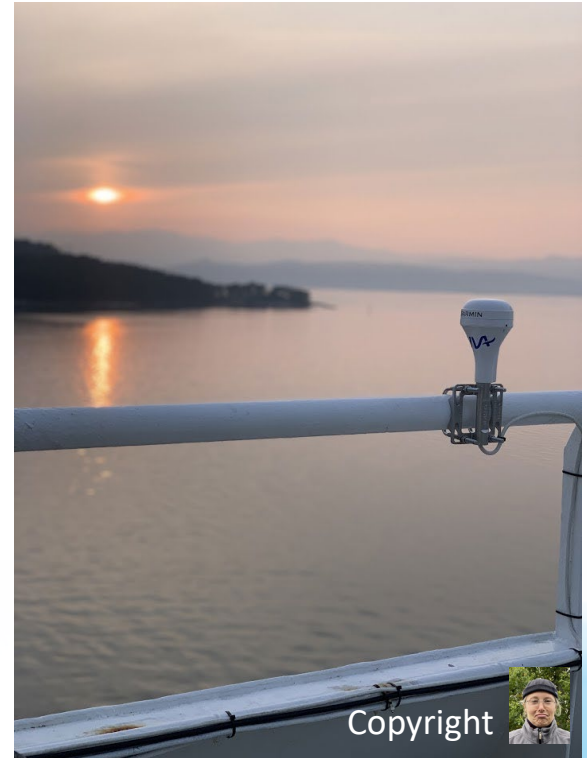






Thank you

Sunset from “S/C Connector” along the Norwegian coast.



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