

Yaolin Ge

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The Norwegian Polar Institute
Tromsø, Norway

Application letter to “Postdoctoral Research Fellow”

I am writing to express my strong interest in the postdoctoral position.

Briefly about myself, I am currently in the last semester of my Ph.D. study at NTNU, and I will hopefully defend my Ph.D. in August 2023. I have been working on the MASCOT project for the past two and half years, in which I have mainly worked with AUV samplings to investigate the river plume front. We have launched 12 field trials in Trondheimsfjorden and the Atlantic Ocean, and we will carry out more soon. I employed sentinel-2 for remote satellite sensing of the ocean surface before we started the operation. In addition, I use SINMOD to build priors before the experiments, and soon the buoy data from OceanLab Observatory will be incorporated as well. I am used to working both independently and collaboratively. I am actively attending workshops (Geilo Winter School 2023) and conferences (NORDSTAT 2021, IFAC CAMS 2022) to brush up on my knowledge. I am also willing to share with others about my latest findings in various talks internally (WGSS/statistics seminars at IMF, NTNU) and externally (MIT Portugal Marine Robotics Summer School 2021). So far, I have two papers accepted, one conference (IFAC-PapersOnLine) and one journal (IEEE JOE). I have completed three Norwegian courses offered at NTNU, corresponding to level B2 CEFR.

Apart from my professional life, I am also very active in my spare time. I have been training in Taekwondo for nine years and competed in NM in 2021 (won a bronze medal in senior M 74+). I like dancing and playing piano as well. Additionally, sharing with others about the joy of dancing and Taekwondo is also one of my favorite things to do. Last but not least, skiing and hiking in the mountains are my ways of meditation.

I will bring the competence of utilizing autonomous and unmanned vehicles for ocean sampling and monitoring. I am looking forward to joining the group.

Feel free to contact me if you need more information.

Sincerely,

Yaolin Ge