

Announcement for open PhD student position at SPAROS Lda. and Universitetet i Bergen

SPAROS invites interested relevant parties to apply for a PhD student position at SPAROS (Portugal) with the aim of developing scientific work in the areas of Aquaculture and Modelling, culminating with the submission of a thesis for attribution of a doctoral degree by the Universitetet i Bergen (Norway).

In particular, the applicant is expected to work within project “NoviFEED – Novel tools for intelligent feeding management in Atlantic salmon and meagre farming” to clarify and quantify the effects of intrinsic (fish size, prior satiety state) and extrinsic factors (temperature, dissolved oxygen, diet properties) on Atlantic salmon feed intake, contributing towards advancing the state-of-the-art in scientific knowledge and the development of predictive models of Atlantic salmon feed intake. Domain knowledge and know-how in Aquaculture and Modelling is not strictly required, but is considered a plus.

Requirements

- Master of Science degree in a relevant field (e.g. Biological Sciences, or other quantitative field of Science)
- Good command of oral and written English
- Availability and flexibility for international travel, and for 3 to 6 month stays in Norway

Expected tasks

- Literature review and acquisition of domain knowledge and know-how
- Data collection, processing and analysis of feed intake data
- Undertaking of trial samplings and eventually lab work
- Static and dynamic mathematical modelling of feed intake and related processes
- Participation and scientific dissemination in international scientific congresses
- Preparation of reports, scientific publications and final thesis

Conditions

This PhD position will have a total duration of 36 months, starting in September 2022 (expected date), with remuneration complying with the relevant Portuguese legislation.

Application period and submission process

Interested relevant parties should submit their application until August 10th 2022. Applications should be submitted in English to feednetics@sparos.pt and include: a Motivation Letter, a detailed *Curriculum vitae*, and a copy of the applicant’s MSc. Certificate.