



The Barcelona Expert Center (BEC) - ICM-CSIC (<http://bec.cmima.csic.es/>) in Barcelona, Spain, invites applications for a **Post Doc position on sea ice remote sensing**.

This position is funded by the Spanish Research Council. The fellow will join the Cryospheric group of the BEC, and will work on developing tools and algorithms to retrieve sea ice parameters from remote sensing measurements from radiometers (SMOS and others), and performing synergies between different radiometer or between different sensors tapes.

The **ESA SMOS mission** carries an L-band radiometer (passive) which has the capability to measure thin ice thickness (thanks to its penetration), as well as ice concentration, among other parameters.

Candidates for this position **must have a PhD.** and background on physics, mathematics or engineering and if possible knowledge on Cryospheric science. Applications are invited from candidates with an interest in remote sensing, sea ice geophysics, and/or snow/ice hydrology. The candidate should be self-motivated, with good writing and communication skills. Additional required skills include:

- * Experience with remote sensing datasets
- * Programming skills, such as in Matlab, Python and linux minimum.
- * Knowledge of geophysics, preferably the evolving sea ice characteristics relevant to microwave passive measurements.

The contract is offered for one year and a half (with a possible extension of another year), **starting on January 2019**, with a **gross salary of about 32.500 EUR/year**.

Enquiries and applications should be e-mailed to Carolina Gabarro (cgabarro@icm.csic.es), as soon as possible, because **applications should be presented before November**. Please send complete curriculum vitae and a letter of intent that describes your academic and career goals as well as research interests. Moreover, the contact name and email of two persons who could give references of the candidate is also required.

Best regards,
Carolina Gabarró