

CALL 21-2022-1 Researcher position in the Geomatics Research Unit

Reserva de la plaça en un primer torn per ser coberta entre persones amb un grau de discapacitat igual o superior al 30%.

Reservation of the place in a first round to be covered between people with a degree of disability equal to or greater than 30%.

Who are we looking for ?

The recently established Geomatics Research Unit (GM RU) is searching for interested candidates in a Researcher position. For more information about the Geomatics Research Unit click here: <https://www.cttc.cat/geomatics-gm/>.

The successful applicant should have a PhD degree in Geomatics, Civil Engineering, Telecommunications, Computer Science, or closely related fields. We offer a position to work in the field of active remote sensing data processing and analysis, in the context of the GM RU of CTTC.

What do we offer? :

- **We offer a permanent contract.**
- **We have great benefits for employees:** conciliation measures (33 business days of vacation, teleworking plan, flexible hours); We complement leaves for temporary disability, tax-free benefits (restaurant ticket, childcare center, commute and medical insurance), continuous training.
- Annual gross salary according to the profile of the candidate
- Full-time contract: 7,5 h/day. Flexibility
CTTC category: R2B More information about CTTC professional categories click [here](#).
- Start date: from September 2022.

Qualifications and Experience

- We are looking for a highly motivated, enthusiastic, energetic person, aiming at significantly improving his or her career perspectives in both public and private sectors. The successful applicant should have the competences of R2B category.
- **Required qualification/skills/experience:**
 - PhD degree in Geomatics, Civil Engineering, Telecommunications, Computer Science, or a closely related field.
 - Knowledge of tools and software for the processing of satellite-based and/or ground-based active remote sensing data.
 - Knowledge of tools and software for post-processing of satellite-based or ground-based active remote sensing products.

- Experience with the use of geomatics data: DEM, orthoimages, maps, topographic data, GNSS, etc.
 - Experience with analysis and interpretation of different types of active remote sensing data: raster, vector, and geodatabases.
 - Experience with GIS.
 - Implementation skills with IDL, Matlab, C, C++ or Python.
 - Outstanding oral and writing English skills.
 - Good publication record in scientific peer-reviewed journals: number of publications, number of citations, H-index, etc.
 - Participation in national and international research projects.
 - Leadership in work packages in national and international research projects.
- **Other skills that are valuable, but not mandatory are:**
 - Experience in international research centres.
 - Career distinctions.
 - Experience in preparation of research grant proposals for funding agencies.

How to apply?

All applications must include:

1. A complete CV, including a list of publications and the contact details of two potential referees.
2. PhD degree.
3. Cover letter stating the motivation and suitability of the candidate.

The application documents must be submitted in pdf format through this online application.

ONLY APPLICATIONS VIA WEB <https://www.cttc.cat/talent/careers/job-openings/> WILL BE TAKEN INTO CONSIDERATION

CVs and any other information gathered during this process will be handled confidentially.

Convocatòria corresponent a l'oferta d'ocupació pública per a l'exercici 2022 (Taxa addicional d'estabilització/ taxa de reposició) publicada al DOGC núm. 8660, de 4 de maig de 2022.

En compliment de la Llei General de Drets de les Persones amb Discapacitat i de la seva Inclusió social s'acorda la reserva de la plaça en un primer torn per ser coberta entre persones amb un grau de discapacitat igual o superior al 30%.

Who are we?

- The Center Tecnològic de Telecomunicacions de Catalunya (CTTC) is a non-profit **public sector** research institution dedicated to fundamental and applied research activities, focused mainly on technologies related to the physical, data link and network layers of communication systems and Geomatics.
- CTTC has been working towards implementing the points of the [Charter and Code \(C&C\)](#), fulfilling the requirements of the “Human Resources Strategy for Researchers (HRS4R)” (<https://www.cttc.cat/talent/hrs4r/>).
- The CTTC is located in the beautiful [Mediterranean Technological Park of Castelldefels](#), a science park that houses the Polytechnic University of Catalonia, research institutions, innovative companies and startups. The PMT-UPC is located 10 minutes' walk from the beach and the city center of Castelldefels, also close to childcare centers, public schools and the best international schools. It can be reached by car, train (RENFE) and various bus lines.
- We have 2 buildings on campus, with state-of-the-art facilities, comfortable work spaces, meeting rooms, and multipurpose spaces, as well as social spaces.
- The institute has a **multicultural environment** with more than 130 members (scientific, technical and administrative staff) from all over the world.

CTTC offers and promotes a diverse and inclusive environment and welcomes applicants regardless of age, disability, gender, national origin, race, religion, or sexual orientation.

The CTTC seeks to increase the presence of women in those areas where they are underrepresented and therefore explicitly encourages them to stand as candidates.

It is also committed to increasing the number of people with disabilities in its workforce and therefore encourages their applications.