

The Marie Skłodowska-Curie Innovative Training Network (ITN) "SMARTINCS - PhD Training Network on Self-healing Multifunctional Advanced Repair Technologies in Cementitious Systems" funded by the European Commission (H2020) invites applications for the position of Project Manager, starting at 1/06/2020 or earlier.

Summary

The appearance of small cracks in concrete is almost unavoidable, not necessarily causing a direct risk of structural safety, but surely impairing its functionality, accelerating its degradation, and diminishing its service life and sustainability. The loss of performance results into the need of increased investments on maintenance and/or intensive repair/strengthening works. The benefits of self-healing concrete, mortar and grout, in which those defects are repaired autonomously, will increase in service life of structures, reduce maintenance and repair costs, save raw materials and reduce waste production, avoid CO₂ emissions and reduce traffic downtime and accidents. SMARTINCS will move this technology well beyond the state-of-the-art by several innovative approaches.

About SMARTINCS

SMARTINCS will train a new generation of creative and entrepreneurial early-stage researchers (ESRs) in prevention of deterioration of (i) new concrete infrastructure by innovative, multifunctional self-healing strategies and (ii) existing concrete infrastructure by advanced repair technologies. The project brings together the complementary expertise of research institutes pioneering in smart cementitious materials, strengthened by leading companies along the SMARTINCS value chain, as well as certification and pre-standardization agencies. The network will deliver world-leading training in this multidisciplinary field through multiple PhDs in interrelated aspects responding to the clear demand to implement new life-cycle thinking and durability-based approaches to the concept and design of concrete structures, minimizing both the use of resources and production of waste. More information can be found on www.smartincs.eu.

Job description

As SMARTINCS Project Manager you will part time (about 50%) be involved in the project management and part time (about 50%) be involved in research and research related activities. You will coordinate and assure completion of project deliverables and milestones on time, within budget and within scope. You will prepare reports for the European Commission regarding the status of the SMARTINCS project. You will set deadlines, assign responsibilities and monitor the progress of the project. You will make sure that the scope and direction of the project is on schedule. You will be the contact person for questions on payments, budget allocations, etc. You will follow up on the progress of the early-stage researchers located in Belgium and you will be tackling yourself some of the SMARTINCS research questions. As SMARTINCS project manager you will be employed in Belgium at Ghent University and will be in close contact with the researchers and project partners located in Spain, Italy, the Netherlands, the United Kingdom, Germany and Switzerland.

Job requirements

Applicants should preferably have a PhD degree or have expertise in project management. Experience with research on cementitious materials or even self-healing of cementitious materials is highly appreciated. Above all, applicants should have solid organizational skills including attention to detail and multitasking skills. Applicants should have leadership skills, management skills and a high interest in scientific research. In addition, an independent and well-organized working style, well-developed social skills directed towards working in an interdisciplinary team, excellent interpersonal and communicative skills and excellent English language skills (verbally and written) are required.

Application

Applications must contain the following documents:

- a personal (motivation) letter and curriculum vitae,
- a copy of degree certificates and associated certificates,
- a transcript of records of the bachelor and master curriculum,
- a copy of projects and any previous publications,
- a proof of English language skills,
- two recommendation letters (or the names and email addresses of two references).

The documents should be sent to pm_smartincs@ugent.be with in the title of the mail a clear reference to the position of Project Manager. The mails needs to be addressed to the SMARTINCS recruitment coordinator: Professor Kim Van Tittelboom, Ghent University.

Deadline

30/01/2020