**Post-doc position:**

In the framework of the new SBO project “MoCCHa-CT” (<https://www.ugent.be/we/ugct/en/research/moccha-ct>) we have an open position for an enthusiastic Post-doc within the Pore-scale Processes in Geomaterials Research group (PProGRess-UGent) and Radiation Physics, both members of the UGent expertise Centre for X-ray Tomography ([www.ugct.ugent.be](http://www.ugct.ugent.be)).

In the scope of this project, one of the existing high-resolution CT scanners of UGCT will be upgraded by a modular X-ray grating interferometer to allow for X-ray phase contrast and dark-field imaging. As a post-doctoral researcher, you will be responsible for the design, installation and commissioning of this system. For the installation, you will receive support of the mechanical workshop available at the campus.

Furthermore, you will be responsible for the acquisition of initial data with this system and training of the PhD students and the UGCT operator. For comparative tests, measurements at ETH Zürich are foreseen.

We offer an employment contract of 2 years, starting preferably September-October 2018, depending on the availability of the successful candidate. More info on living in Ghent can be found on: <https://www.ugent.be/en/facilities>

The FWO-SBO project "MoCCHa-CT: Model-coupled 4D-µCT for advanced material characterization” is a tight collaboration between several academic partners at UGent and the Institute for Biomedical Engineering, ETH, Switzerland, and has an economic finality supported by several industrial partners.

Applicants should have:

* A PhD degree in Science or Engineering **with strong experience in X-ray grating interferometry**.
* an independent and well-organized working style, demanding high quality of your own work. well-developed social skills directed towards working in an interdisciplinary team, excellent interpersonal and communicative skills.
* strong motivation to succeed in scientific research, excellent presentation and scientific writing skills
* very good to excellent English language skills (verbally and written).

How to apply

Applications must contain the following documents in English: a personal (motivation) letter and curriculum vitae (a proof of English language skills is always an added value).
The documents should be sent to Veerle.Cnudde@UGent.be and Matthieu.Boone@ugent.be, using as subject of your mail: MoCCHa-CT\_PD\_your name before the 10th of July, 2018.