Admission Procedure to Joint Doctoral Programme with Universiteit Gent on High-Temperature Plasma Physics and Thermonuclear Fusion for Academic Year 2020/2021

as announced by the Dean of the Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague

The study programme High-Temperature Plasma Physics and Thermonuclear Fusion integrates a wide range of scientific and engineering expertise oriented towards advanced topics of plasma physics and corresponding technologies. A particular focus is given to the challenge of mastering thermonuclear fusion for the future energy needs of humankind. The international scope of the programme is guaranteed by the partner agreement with Belgian Universiteit Gent, which ensures a regular co-operation of our students with the best experts, high mobility and, last but not least, integration into our national fusion research programmes.

Full-time and part-time forms of study are offered; standard duration of study is 4 years. Commencement of study: October 1st, 2020 or March 1st, 2021.


To be considered for admission, the applicant is required to have successfully completed a master’s programme in the corresponding field of study or related fields. The applicant must satisfy conditions given by the Higher Education Act N. 111/68 Coll. and demonstrate a mastery of MSc. level mathematics and physics, of English and of the language of instruction in the chosen study programme. The oral admission examination is performed in English. For further requirements and for application forms see https://www.fjfi.cvut.cz/en/education/doctoral-study/admission-procedure, for instructions on validating degrees awarded by foreign universities see https://www.cvut.cz/en/validation-of-foreign-university-education-and-qualifications-nostrification.

The applicant to the joint programme is obliged to obtain admission also to the partner Universiteit Gent (no later than three months following the admission to the Faculty of Nuclear Sciences and Physical Engineering of CTU unless the partner university sets a later date). In case the applicant is not admitted by Universiteit Gent, her/his study in the joint programme will be terminated and she/he will be offered admission to the Nuclear Engineering programme provided by the Faculty of Nuclear Sciences and Physical Engineering of CTU.

The completed application form together with the CV, a cover letter, details of professional experience (if applicable), and copies of certificates of academic qualifications (foreign certificates must be validated) is to be sent no later than August 28th, 2020 (to commence the study on October 1st, 2020) or December 20th, 2019 (to commence the study on March 1st, 2021) to:

ČVUT- FJFI, odd. VVČ
Břehová 7, 115 19 Praha 1

Contact person: Ms. Zábranská, tel.: 224 358 286, e-mail: zabranska@fjfi.cvut.cz
Application forms are available at the website above or at the Office of Science and Research (VVČ), Břehová 7, Praha 1.