

PhD Course: FUSION SCIENCE AND ENGINEERING in agreement with Università degli Studi di Napoli Federico II			
Department	Centro di Ateneo "Centro Ricerche Fusione"		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 1	1 scholarship funded by Centro Ricerche Fusione finanziata su fondi Consorzio RFX per ITER Agreement on Neutral Beam Test Facility e su fondi Task 3.3 – "Attività di Formazione" del PRN - Programma Ricerca Nucleare per conto di CNR e ENEA, in attuazione del citato Accordo di Programma tra MASE ed ENEA - Topic: Development of nuclear fusion components and procedures for the ITER Neutral Beam Injector;
	Total number of positions	n. 1	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 70 Oral examination: points max 30		
Documents to be submitted	Thesis:	Points: max 10	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31 st October 2026 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 30	The CV (please use the requested template, as detailed in the web page https://crf.unipd.it/phd/admission) must include the following information: - Grade Point Average (GPA) for every degree obtained (attach copy of the Transcript of Records); - Time spent abroad during your studies (e.g. Erasmus grants, Time, Erasmus Placement, thesis abroad, etc.); - Relevant work experience (research grants, scholarships, internship periods, period of employment); - Awards; - Knowledge of foreign languages (certifications);
	Scientific publications:	Points: max 5	Manuscripts accepted for publication can also be considered if suitable documentation is provided (conference programme, acceptance letter, DOI etc.)
	Research project:	Points: max 25	The candidate must submit a RESEARCH PROJECT related to the specific research topic. The research project must include: 1) Project title, potential supervisors and abstract (max 500 words) 2) State of the art of the subject of the project (max one page) 3) Project objectives and scientific

			motivations for undertaking the specific research proposed (max one page) 4) Methods proposed to achieve the project objectives, and sequence of activities (max one page) 5) Personal motivations for choosing the PhD course in “Fusion Science and Engineering” and the proposed research project (max 100 words) 6) References (max 10) The project should be written in English using an A4 page format, with 2.5 cm margins, single line, font Times New Roman 11.5pt. Use the template available here https://crf.unipd.it/phd/admission
Publication of the results of the evaluation of the preselection	Within 09 SEPTEMBER 2026 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://crf.unipd.it/phd/admission In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 09 SEPTEMBER 2026 the Commission will publish on the course website https://crf.unipd.it/phd/admission the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	11 SEPTEMBER 2026 at 09:00 - Centro Ricerche Fusione, Consorzio RFX, Corso Stati Uniti, 4, Padova		
Language/s	Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English Admission exam: The admission exam will be taken in: English		
Examination topics	Plasma physics and magnetic confinement fusion technology.		
PhD Course Website:	https://crf.unipd.it/phd		
Further information	Department: Centro di Ateneo “Centro Ricerche Fusione” Address: Via Corso Stati Uniti - n. 4, 35127 Padova (PD) Contact person: Minicuci Maurizio telephone: 0498295891 e-mail: maurizio.minicuci@unipd.it		
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati42luglio The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So, no hard copy of the application and of the documents must be sent to the office.		
Deadlines	Publication of the ranking lists and enrollment from 23 September 2026 Beginning of PhD courses 1 November 2026		