

Course in: CIVIL, CHEMICAL AND ENVIRONMENTAL ENGINEERING

Curriculum: WIND SCIENCE AND ENGINEERING (CODE 6897)

Coordinator: Busca Guido	
Department of Civil, Chemical and Environmental Engineering (DICCA)	
Places: 3 – Grants 3: 3 grants funded by DICCA within the ERC AdG 2016 Project THUNDERR 741273, “Detection, simulation, modelling and loading of thunderstorm outflows to design wind-safer and cost-efficient structures”. The annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	22/1/2018 – 14:00 at the Department of Civil, Chemical and Environmental Engineering (DICCA), classroom A11, via Montallegro 1, Genova. In the event of a large number of candidates, the interview will continue the next day at the same time.
Exam Syllabus	The interview will consist of an in-depth scientific discussion on the candidate’s research project, which must be done on one of the three topics specified below, his/her curriculum and his/her qualifications/publications. It is also aimed at verifying that the candidate has adequate knowledge to successfully face the studies in the chosen curriculum. The candidate can ask for an online interview (e.g., video conference via Skype) contacting the PhD secretary (dottorato.dicca@unige.it) and Prof. Giuseppe Piccardo (giuseppe.piccardo@unige.it) within 21/1/2018. For this purpose, the candidate must have a reliable internet connection so that the interview can be carried out.
Research themes	In general terms, the research topics are those covered in the "Wind Science and Engineering" curriculum, described in detail in the course web page: http://dottorato.dicca.unige.it/eng/siv/ . In the present case, each of the 3 places will be addressed to one of the following three topics: Place No. 1: Wind tunnel simulation of downbursts Place No. 2: CFD simulation of downbursts Place No. 3: Weather scenarios in which downbursts occur and damage survey. More information on each place is available on the course web page: http://dottorato.dicca.unige.it/eng/siv/ .
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. The referees must be university professors or experts in the subject. If the referee is an expert in the subject, his/her Curriculum Vitae and a list of publications are also required. It will be the concern of the referees to send the reference letter, within the deadline of the public notice, to the PhD secretary: dottorato.dicca@unige.it . The name, status and service place of the referees chosen by the candidates must be stated in their applications. Reference letters that are not submitted as required will not be considered.
Further information on how to present qualifications / publications	The curriculum must be completed by a document showing the courses and the grades obtained throughout the entire university career of the candidate. Each candidate will have to carry out the research project on one of the three themes relating to the 3 grants.
Foreign languages	English
Further information	http://dottorato.dicca.unige.it/eng/ dottorato.dicca@unige.it Prof. Giuseppe Piccardo: giuseppe.piccardo@unige.it