Ilaria Fent

Curriculum Vitae

Personal Information

Name and Surname	Ilaria Fent
Birthday	16th March, 1988. Feltre
Address	Via Valentine 5/A, 32032 Feltre -BL- Italy
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Education

17th - 19th February 2014	**GPS professional tutorial**, *CIRGEO, University of Padova*. Application of GPS technology.
4th December 2013	**Master Degree in Civil Engineering**, *Padova Ateneo*. Evaluation 110/110
18th August - 24th December 2011	**Erasmus at DTU**, *Denmark*. Exams at Danmarks Tekniske Universitet
28th September 2010	**Bachelor Degree in Civil Engineering**, *Padova Ateneo*. Evaluation 107/110
23rd September 2008	**Piano certificate 5th level**, *Conservatory "Pollini"*, Padova. Evaluation 7.5/10
2002-2007	**Scientific High school**, *Liceo Statale Scientifico G. Dal Piaz*, Feltre. Diploma Evaluation 98/100
June 2004	**Music theory certificate**, *Conservatory "Claudio Monteverdi"*, Bolzano.

Masters Thesis

Title	*Finite volume model for solving two-dimensional debris flow propagation. (Model FV_Shock, Canestrelli et al. [2009])*
Supervisors	Professor Stefano Lanzoni & Ing. Laura Maria Stancanelli & Ing. Alberto Canestrelli
Description	The thesis improves the model FV_shock (fortran language) to simulate debris flow propagation an deposition phases. It uses rheological relations to solve system equations for shallow water long waves.
The complete thesis	http://tesi.cab.unipd.it/45240/1/Tesi_Magistrale_ILARIA_FENT_1014701.pdf

Work experience

Engineering

1st October 2014 - present	**SediTrans Project**, Universitè Catholique de Louvain, Louvain-la-neuve, Belgium. Phd, funded under Marie Curie program of the European Union. Experimental and numerical work about sediment transport on rivers.
3rd February 2014 - 30th September 2014	**Model FV_shock development**, Padova University, Section TESAF. Collaboration with Università di Padova on developing a finite volume model for hyperbolic equations system.
19th December 2013	**Hydrology days in Venice SII**, (Venezia, $18^{th}-20^{th}$ December 2013). Presentation: Finite volume model for debris flow simulation. New approach on liquid and solid phases.
27th February - 31st August 2012	**Stage at "Studio Betti & Vialli"**, Galleria Adria, Trento. Stage during my master degree, collaborating with hydraulic engineers on hydroelectric power plant projects.
14th June - 23rd July 2010	**Stage at BIM Gsp Spa**, Belluno. 150 hours training at BIM gsp spa in Belluno, inside the GOAR section.

Several employments

1st January 2009 - 31st August 2011	**Barmaid at "The Crown Pub s.n.c. di De Martini Sergio & C."**, Borgo Ruga, Feltre. Weekend job during my study period
9th July - 26th August 2007	**Cleaner at "Coopservice"**, *ULSS n° 2* , Feltre.
11th July - 20th August 2005	**Shop assistant at "Tempo di Sport2"**, Fonzaso. Sport equipment for running, trekking, ski, etc.
July 2004	**Children assistant at "New Cambridge school of Feltre"**, Feltre. Teacher helper during classroom lesson and recreational activities

Languages

Italian	**Mothertongue**	
English	**Good speaking, listening and writing**	*Conversationally fluent*
French	**Basic**	*Studied during 3 years at school*
Spanish	**Basic**	*Basic listening only*

Personal skills and competences

Social and comunication skills	Good interaction with project partners during studies groups and stages.
	Listening and curiosity skills in order to develop different ideas from me and others.
	Whishes to meet multicultural people, to understand different mentalities and habits, gained during my Erasmus and travelling experiences.
Job-related skills	Adaptability to different situations, people and locations.
	Willingness to know and learning new subjects in order to reach the best solution for each problem.
	Preference on practical problems and real resolution.
Computer skills	Good use of Microsoft Office tools (Word, Excel and Power Point); Autodesk tools (Autocad); LaTex; Fortran; Visual Studio.

Basic use of Matlab tools (Mathematical analysis); Ansys; Prost; HecRas; ArcGis.

Interests

Artistic skills

Music	To sing in different choirs: "MusicaLiceo" during the high school; Church choir in Farra di Feltre; "Allez Regretz" in Feltre; "DTUchoir" during Erasmus.
	To play piano in a band, during University period.
	To play classic piano for myself.
Dance	One year of Tango school.
Paint	To drew and to paint as hobby.

Sport abilities

Summer sports	Tennis, Run, Climb, Trekking, Swim, Mountanbike.
Winter sports	Alpine ski, Nordic ski, Mountaineering ski, Snowshoeing.

Licenses

Engineer license	Italian license to practice as a Civil Engineer
Driving licenses	A (motorbike)
	B (car)

Padova, October 23, 2014.

ILARIA FENT