

Michel Cervantes - Curriculum Vitae

PROFESSIONAL EXPERIENCE -----

01-2010 to ... Professor in Fluid Mechanics, LTU, Sweden
03-2016 to ... Member, Power Engineering doctoral school council, University Politechnica of Bucharest, Rumania
09-2013 to 12-2017 Adjoint Professor, Water power laboratory, NTNU, Norway
07-2008 to 12-2009 Lecturer in Fluid Mechanics, LTU, Sweden
January-June 2009: working part time at Vattenfall Power Consultant, Hydropower
04-2006 to 06-2008 Research associate in Fluid Mechanics, LTU, Sweden
June 2008: visiting Professor at École Polytechnique Fédérale de Lausanne (EPFL), Switzerland
06-2003 to 03-2005 Researcher in Fluid Mechanics, LTU, Sweden
Project manager Hydro Power University
01-2000 to 05-2003 PhD-student at Luleå University of Technology, division of Fluid Mechanics
Vice-project manager Hydro Power University from 2001
12-1998 to 12-1999 Project leader R&D at Metal Process Control AB, Nyköping, Sweden.
12-1995 to 11-1998 PhD-student at Luleå University of Technology, division of Fluid Mechanics
04-1995 to 09-1995 Lieutenant, chief for a platoon in the French Army

EDUCATION -----

03-2007 Associate Professor (Docent) in Fluid Mechanics
01-2000 to 05-2003 Luleå University of Technology, division of Fluid Mechanics
Degree: PhD (09/05-2003)
12-1995 to 11-1998 Luleå University of Technology, division of Fluid Mechanics
Degree: Licentiate (12/06-1998)
12-1994 to 03-1995 School of officer, French Army, Angers, France
09-1991 to 09-1994 Ecole Supérieure de l'Énergie et des Matériaux, Orleans, France.
Degree: Master of Science in mechanical engineering.
09-1988 to 03-1991 Classes préparatoires aux grandes écoles, lycée Janson de Sailly, Paris XVI, France

LANGUAGES -----

English: fluent Spanish: good level German: basic
French: fluent Swedish: fluent

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RESPONSIBILITIES -----

Research

- Head of the Swedish Hydropower Research school (2019-...)
- European project WP's leader (2019-...)
- Senior researcher within the Swedish Hydropower Centre, responsible for the experimental fluid mechanics (2006-...)
- Project leader of the project *Full-scale experiments within hydropower* (2006-2019)
- Organisers of different workshops on hydraulic turbines: Turbine-99, Francis-99 I and Francis-99 II
- Development of flow measurements in low head turbines (2011-2015)
- Management group Renewable Energy, LTU (2013-2016)
- Nominated at LTU for best supervisor 2009 and 2017

Postgraduate education

- Head of the Swedish Hydropower Research School (2010-...)
- Head of the Research School for Women, joint management with Åsa Wallström (2009-2011)
- Grading committee member in Doctoral Thesis: 9
- Opponent to Doctoral Thesis: 6

Undergraduate education

- Study counsellor for the energy engineering program, wind & water at LTU (2010...)
- Nominated at LTU for best teacher 2011
- Invited speaker, SIDA Hydropower course (September 2009, 2010)
- Study counsellor for the mechanical engineering program at LTU (2009-2010)
- Developer and program coordinator of the international master programme Sustainable Energy Engineering at LTU with a start in 2007
- Developer and program coordinator of the international master programme Hydropower Engineering at LTU (2003-2008)
- Programme coordinator of the international master programme Sustainable Energy System at LTU (2004-2005)
- Program coordinator of the graduate courses within the national research program Hydraulic Turbine at LTU (2003-2005)
- Responsible for the specialisation of Energy and Hydropower within the mechanical engineering program since September 2004-2009 at LTU

PHD SUPERVISION/CO-SUPERVISION -----

PhD students: 9

PhD who graduated: 18

PUBLICATION LIST-----

[Article in peer-review journal](#)

[Google scholar statistics](#)

- Citations 3605 2440
- h-index 31 25
- i10-index 82 60