

PERSONAL INFORMATION

Ladislav VÁLA, Ph.D.

WORK EXPERIENCE

- 01/2020 – present **Head of Fusion Technologies department**
Centrum výzkumu Řež s.r.o. (Research Centre Řež), Fusion Technologies department, Husinec–Řež, Czech Republic
- 01/2010 – present **Senior Researcher & Project Manager**
Centrum výzkumu Řež s.r.o. (Research Centre Řež), Fusion Technologies department, Husinec–Řež, Czech Republic
- 10/2003 – 12/2009 **Researcher**
Czech Technical University in Prague, Institute of Experimental and Applied Physics, Prague, Czech Republic
- 01/2003 – 09/2003 **Teaching Assistant**
Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering, Prague, Czech Republic
- 09/2002 – 06/2003 **Researcher**
Laboratoire de l'Accélérateur Linéaire / IN2P3 / CNRS, Orsay, France

EDUCATION AND TRAINING

- 2010 **School of Sodium and Liquid Metals / École du sodium et des métaux liquides**
CEA Cadarache, France
- 1999 – 2003 **Doctor degree – Ph.D. in Nuclear and Particle Physics**
“Grade de Docteur” at Université Paris XI, Orsay, France & “Ph.D.” at Czech Technical University in Prague, Czech Republic
- 1998 – 1999 **Diplôme des Études Approfondies (DEA Champs, Particules, Matières)**
Université Paris 7, France
- 1995 – 1998 **Ingénieur (Master Degree in Physics)**
École Centrale de Paris, Châtenay-Malabry, France
- 1992 – 1995 **Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering**, Prague, Czech Republic
Engineering studies with specialisation in Experimental Nuclear and Particle Physics

ADDITIONAL INFORMATION

- Professional Interests** Research & Development of technologies for TBM and Breeding Blankets, liquid metals application for fusion and fission reactors, nuclear and particle physics, nuclear detectors and instrumentation
- Memberships** FuseNet Association, Czech Fusion Society, TBM-CA consortium
- Projects** EUROfusion project (2014-present)
SUSEN (Sustainable Energy) project (2010-2016)
NEMO and SuperNEMO projects (1999-2009)
- Publications** Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6505849304>