

CURRICULUM VITAE **OLGA RODITCHEVA**



Office Address

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NVH Centrum
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Home Address Tredje Långgatan 39
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Citizenship Swedish

Born 1962/10/31

Education and work Experience

- 1981-1986** Moscow State University, master degree in Mechanics.
1986-1989 Engineer with specialization in aerodynamics at high Mach number.
1989-1997 Researcher at Moscow State University with focus on Rayleigh-Bénard convection, Numerical methods, transition to turbulence and turbulence modelling.
1997-2000 PhD at Lund LTH. PhD thesis "Numerical Modelling of Soot Formation in Turbulent Diffusion Flames". Doctoral degree in Fluid Mechanics.
2001-2005 CFD Engineer at Volvo Car Corporation Fluid Dynamic Centrum.
Focus on Thermodynamic, Aerodynamics and Aeroacoustics.
2005-2007 Attribute Leader for Aerodynamics.
2007-2011 CFD Engineer, Group leader for Contamination CFD.
2011-resent NVH Engineer Wind Noise and Aeroacoustics. (80%)
2015-resent Guest researcher at Vehicle Engineering & Autonomous Systems, Applied Mechanics, CTH. Project: Numerical and Experimental Studies of Aero-Acoustical Phenomena on Road Vehicles. (20%)

Skills and Area of Interests

Wind noise and Aeroacoustics, Aerodynamics, Contamination of ground vehicles, physical testing of cars in wind tunnels and on the road. Virtual development and numerical methods for Aeroacoustics, Aerodynamics, Contamination. Combustion theory. Numerical methods for combustion. Good analytical skills. Easy learner. Good ability to focus on the result and lead the work.

Area of Interests in private live

Family: my children (I have two boys born 2006), friends, tennis, design, modern pedagogy.

Languages

Swedish, English, Russian.

Teaching Activities

Supervisor for five diploma students.
Guest lectures in Aeroacoustics at CTH courses: RVAD and Turbulence Modelling.

University Activities

Member of PhD defense committees in LTH and KTH.