

Curriculum Vitæ

Personal Data

Given Name: Ori
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	Work	Home
Address:	KTH Mechanics Osquars Backe 18 100 44 Stockholm Sweden	Kungsklippevägen 5 141 40 Huddinge Sweden
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Educational Record

2005 Doctor in Fluid Dynamics at KTH Mechanics, Stockholm.
2003 Licentiate in Fluid Dynamics at KTH Mechanics, Stockholm.
2000 Master of Science in Engineering Physics at KTH, Stockholm.
1994 Military Service on the ship Johan Nordenankar and in Göteborg.
1992 Supplementary training in science at Huddinge KOMVUX, Stockholm.
1991 Secondary High School, Martinskolan Gymnasium, Stockholm.

Employments

2006- KTH Mechanics, Stockholm (Post Doc).
2000-2005 KTH Mechanics, Stockholm (PhD-student).
2003-2005 Skärmflygskolan, Stockholm (own business at spare time).
1998-1999 KTH Mechanics, Stockholm (part time teaching mechanics).
1998-1999 Martinskolan Gymnasium, Stockholm (part time teaching math).
1991 and 1992 Ford Motor Company, Stockholm (summer).
1989-1995 Vivo T-Jarlen, Stockholm (evenings, weekends and holidays).
1988-1989 Rosendahls Blommor, Stockholm (evenings, weekends).

Extended Visits Abroad

July-Dec, 1999 and Feb-May, 2000 Master thesis work at the AeMES Department at the University of Florida, Gainesville, Florida, USA.
July-June 1994-1995 Christchurch in New Zealand.

Languages

Swedish – mother tongue.
English – very well in speech and writing.

Teaching Experience

Mechanics and Fluid Dynamics (partly in English) at KTH.
Mathematics at Martinskolan Gymnasium.
Theory for paragliding and paragliding instructor assistant at Skärmflygskolan.
Tour leader for Skärmflygskolan's paragliding tours to Denmark (2003-2005).

Supervised Master Thesis student

Martin Byström, Aug–Dec 2004, Thesis Title: *Optimal disturbances in suction boundary layers*.

Computer Experience

Unix/Linux	Good knowledge, 10 years of experience.
Windows	Basic knowledge (occasional usage and home computer).
Fortran	Good knowledge, 6 years of programming.
Fluent/Gambit	Basic knowledge, experience from the latest 6 months.
Hogia	Basic knowledge, some experience of bookkeeping.
L ^A T _E X	Good knowledge from 5 years of usage.
Matlab	Good knowledge, 10 years of programming and usage.
Maple	Basic knowledge, some experience from occasional usage.
C/C++/Scheme	Basic knowledge, some experience from undergraduate studies.

Union Work

2002–	Member of Cirrus paragliding club committee.
2002–2003	Member of board of Lodjuret co-operative building society.

Other Qualifications

2005	Aviation radio certificate.
2005	Amateur radio certificate.
2003–2004	Member of BK42 hot air ballooning team. Result of championships: 2003 Swedish 2, 2003 European 5, 2004 Swedish 1, 2004 Wold 7.
1995	Paragliding license.
1995	Open water diving license.
1991	Driving license B.
1985	Pleasure-boat driving certificate.

Conferences with Presentations

23–25 Nov 2005	58 th Annual Meeting of the Division of Fluid Dynamics, American Physical Society. Chicago, Illinois, USA.
23–25 Nov 2003	56 th Annual Meeting of the Division of Fluid Dynamics, American Physical Society. East Rutherford, New Jersey, USA.
24–26 Nov 2002	55 th Annual Meeting of the Division of Fluid Dynamics, American Physical Society. Dallas, Texas, USA.
11–13 June 2001	Svenska Mekanikdagar in Linköping, Sweden.
8–11 Jan 2001	39 th AIAA Aerospace Sciences Meeting and Exhibit. Reno, Nevada, USA.

Publications and submitted papers

LEVIN, O. 2005 Turbulent spots in the asymptotic suction boundary layer. In progress.

LEVIN, O., HERBST, A. H. & HENNINGSON, D. S. 2005 Early turbulent evolution of the Blasius wall jet. *Journal of Turbulence*. Accepted.

BYSTRÖM, M. G., LEVIN, O. & HENNINGSON, D. S. 2005 Optimal disturbances in suction boundary layers. *European Journal of Mechanics - B/Fluids*. Accepted.

LEVIN, O., DAVIDSSON, E. N. & HENNINGSON, D. S. 2005 Transition thresholds in the asymptotic suction boundary layer. *Physics of Fluids* **17** (11), 114104

LEVIN, O., CHERNORAY, V. G., LÖFDAHL, L. & HENNINGSON, D. S. 2005 A study of the Blasius wall jet. *Journal of Fluid Mechanics* **539**, 313–347.

LEVIN, O., & HENNINGSON, D. S. 2003 Exponential vs Algebraic Growth and Transition Prediction in Boundary Layer Flow. *Flow, Turbulence and Combustion* **70**, 183–210.

LEVIN, O., & SHYY, W. 2002 Optimization of a Low Reynolds Number Airfoil with Flexible Membrane. *CMES* **2** (4), 523–536.

LEVIN, O., & SHYY, W. 2001 Optimization of a Flexible Low Reynolds Number Airfoil'. Conference publication: AIAA–2001–0125.

Internal reports

LEVIN, O. 2005 Numerical studies of transition in wall-bounded flows. Doctoral Thesis ISRN KTH/MEK/TR–05/17–SE, KTH Mechanics, Sweden.

LEVIN, O. 2003 Stability analysis and transition prediction of wall-bounded flows. Licentiate Thesis ISRN KTH/MEK/TR–03/20–SE, KTH Mechanics, Sweden.

LEVIN, O. 2000 Optimization of a Flexible Low Reynolds Number Airfoil. Master of Science Thesis 2000:06, KTH Mechanics, Sweden.