

# Teaching Experience

Anders Karlsson

## 1994

- Summer course for advanced high school students, Stockholm
- Yale University, Calculus tutor

## 1995

- Yale University, homework grader for Measure Theory and Complex Analysis

## 1996

- Yale University, section of Calculus III (multivariable)

## 1997

- Yale University, section of Calculus II

## 1998

- Yale University, section of Calculus I

## 1999

- No teaching (Alfred P. Sloan Dissertation Fellowship)

## 2000

- ETH-Zürich, exercise classes in Differential Geometry I and Complex Analysis I

## 2001

- ETH-Zürich, organizer and exercise class in Complex Analysis II (Riemann surfaces)

## **2002**

- No teaching (FIM; SNF-grant)

## **2003**

- KTH, lecturer and organizer of Ordinary Differential Equations for F2

## **2004**

- KTH, half graduate course on Topics in ergodic theory, number theory and combinatorics
- KTH, exercise class in Ordinary Differential Equations for E2
- KTH, exercise class in Introduction to Mathematics
- KTH, supervised a senior project
- KTH, popular lecture on Prime Numbers
- KTH, exercise classes in first course of mathematics, Open1 and T1

## **2005**

- Yale University, lectured undergraduate course in Galois theory;
- Yale University, lectured graduate course Metric Geometry and Group Actions
- KTH, exercise class Introduction to Mathematics T0
- KTH, popular lecture on the ABC-conjecture
- KTH (Kista) exercise classes in Amelia 1 (first course of mathematics)
- KTH, graduate course Flows on Homogeneous Spaces

## **2006**

- KTH, supervised a senior project
- KTH, exercise class in Matematik IV for I1

- KTH, lecture on Introduction to Mathematics
- KTH, lecturer for Amelia 1 for P1 and T1

**2007**

- KTH, popular lecture on Prime Numbers

**2008**

- KTH, lectures on multivariable calculus for I1
- KTH, a popular lecture on Primes Numbers for CL

2009

KTH, Course on Prime numbers for advanced undergraduates