

CURRICULUM VITAE FOR PER CHRISTIAN HANSEN

Professor Per Christian Hansen has worked with numerical regularization algorithms for many years, and he has published 5 books and 100+ papers in leading journals. He has developed a number of software packages, such as REGULARIZATION TOOLS and AIR TOOLS II for inverse problems and computed tomography. His current research focuses on uncertainty quantification for inverse problems. His H-INDEX is 54 and he is a SIAM fellow in recognition of his work on inverse problems and regularization.

Title: Professor in Scientific Computing, Villum Investigator.

Born: July 9, 1957 in Nyborg, Denmark. Citizenship: Danish.

Address: Buddinge Hovedgade, 1.th., DK-2860 Søborg, Denmark. Phone: +45 23.65.27.98.

Work: DTU Compute, Technical University of Denmark, DK-2800 Lyngby. Phone: +45 45.25.30.97.
Email: pcha@dtu.dk. Homepage: compute.dtu.dk/~pcha

Degrees

- 1982: M.Sc. in Electrical Engineering.
- 1985: Ph.D. in Numerical Analysis.
- 1996: Dr.Techn. in Numerical Analysis.

Employments

- 1985–1988: Research Associate at the Astronomical Observatory, University of Copenhagen.
- 1988–1996: Associate Professor at UNI•C.
- Since 1996: Professor at DTU Compute.

Research Visits Abroad

- 1986: Department of Computer Science, Stanford University.
- 1988: Department of Mathematics, Oak Ridge National Laboratory.
- 1989: Dept. of Mathematics, UCLA.
- 1990: Mathematics and Computer Science Division, Argonne National Laboratory.
- 1992: University of California, Berkeley.
- 2004: Department of Mathematics and Computer Science, Emory University, Atlanta.
- 2020: National Institute of Informatics, Tokyo, Japan.

Awards

- 1990: BIT Prize for distinguished paper on numerical analysis in the journal BIT.
- 1994: Statoil Prize in recognition of the work in numerical analysis.
- 2005: ISI Web of Knowledge award as most cited Danish mathematician.
- 2015: SIAM Fellow in recognition of contributions to algorithms for rank-deficient and discrete ill-posed problems and regularization techniques.

Professional Memberships

- SIAM, Society for Industrial and Applied Mathematics (USA).
- Danish Academy of Technical Sciences.
- Danish Academy of Natural Sciences.

Publications

- 5 books and 1 edited book.
- 119 papers in refereed journals.
- 58 conference papers etc.

Research Grants Since 2012

- Villum Fonden: Villum Investigator project “CUQI” – 34.900.00 DKK
- ERC Advanced Grant “HD-Tomo” – 16.000.000 DKK
- DFF-FNU Improved Impedance Tomography – 6.500.000 DKK
- Innovation Fund Denmark: Nano-Scale Design Tools – 1.500.000 DKK
- H C Ørsted COFUND Postdoc (Jürgen Friel) – 800.000 DKK
- EuroTech COFUND Postdoc (Bart van Lith) – 800.000 DKK