

CURRICULUM VITAE FOR PER CHRISTIAN HANSEN

Professor Per Christian Hansen has worked with numerical regularization algorithms for 30 years, and he has published 4 books and 100+ papers in leading journals. He has developed a number of software packages, of which REGULARIZATION TOOLS (now in its 4th version) is a popular toolbox for analysis and solution of discrete inverse problems. His current research projects involve algorithms for tomographic reconstruction and iterative image deblurring algorithms. His H-INDEX is 46 and he is a SIAM fellow in recognition of his work on inverse problems and regularization..

Title: Professor in Scientific Computing.

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

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Work: DTU Compute, Technical University of Denmark, DK-2800 Lyngby. Phone: +45 45.25.30.97.
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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.

Longer Research Trips 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.

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

- 4 books and 1 edited book.
- 108 papers in refereed journals.
- 53 conference papers etc.

Research Grants 2012–2017

- 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 Post Doc (Jürgen Friel) – 750.000 DKK