

## CURRICULUM VITAE

Name: Nils Andreas Baas.  
Born: 23 April 1946 in Arendal, NORWAY  
Nationally: Norwegian  
Marital status: Married, 3 sons.  
Position: Professor of Mathematics at University of Trondheim, Norway.  
Education: 1964-68: Studies at University of Oslo, Norway.  
1967: Cand. mag. degree, University of Oslo.  
1968-69: Studies at University of Aarhus, Denmark.  
1969: Cand. real. degree, University of Oslo.  
1969-70: Research Fellow at Manchester University, England  
(with Professor J. F. Adams).  
1970-71: Research Fellow at University of Aarhus.  
Positions held: 1971-72: Visiting Assistant Professor at University of Virginia,  
Charlottesville, USA.  
1972-74: Member of The Institute for Advanced Study, Princeton,  
N.J. USA.  
1975 (spring): Member of Institut des Hautes Etudes Scientifiques,  
Paris, France.  
1975-77: Associate Professor of Mathematics,  
University of Trondheim, Norway.  
1977: Professor of Mathematics, University of Trondheim,  
Norway, also present position.  
1982-83: Sabbatical at University of California,  
Berkeley, USA.  
1983 (summer): Visitor at The Institute for Advanced  
Study, Princeton, N.J., USA.  
1984-86: Chairman at Dept. of Mathematics, University of  
Trondheim, NTH.  
1989-90: Member of Mathematical Sciences Research  
Institute, Berkeley, California, USA. Fulbright Fellow.  
1990 (summer): Visitor at The Institute for Advanced Study, Princeton,  
N.J., USA.  
1996 (fall): Visiting Professor at Los Alamos National Laboratory,  
Los Alamos and The Santa Fe Institute, Santa Fe,  
N.M., USA.  
1997 (spring): Visiting Fellow at Clare Hall, Department of Pure  
Mathematics and Mathematical Statistics and Cavendish  
Laboratory,  
Cambridge, UK  
2001 (fall): Visitor at Mathematical Institute, Aarhus University,  
Aarhus, Denmark.  
2004 (spring/  
summer): Visitor at Stanford University, USA and Aarhus  
University, Denmark.

2007(spring/  
summer): Member of School of Mathematics and School of  
Natural Sciences, Institute for Advanced Study,  
Princeton, NJ, USA.

2010(spring/  
Summer): Member of School of Mathematics and School of  
Natural Sciences, Institute for Advanced Study,  
Princeton, NJ, USA.

Fields of interest: Topology, stability and singularity theory,  
dynamical systems, hierarchical and complex systems and  
applications, category theory, higher order structures,  
hyperstructures, higher order categories in topology, topological  
quantum field theories, mathematical systems biology, topology  
and data.

Offices held: Former board member of Norwegian Mathematical Society,  
former member of the Norwegian Mathematical Council.

Memberships: The Royal Norwegian Society of Sciences and letters, (by  
election), The Norwegian Academy of Technical Sciences (by  
election),  
Norwegian Mathematical Society, American Mathematical  
Society.