

## CV Tord Johansson



Born: February 26, 1951, Gävle, Sweden  
Nationality: Swedish  
Marital status: Married, three children

Education: Fil. Kand. (B.Sc.), Uppsala University, Sweden, 1974  
Fil. Dr. (Ph.D.), Uppsala University 1978

Docent, Uppsala University, 1982.

Present position: Chair, Nuclear Physics, Dept. of Physics and Astronomy,  
Uppsala University, Sweden, 2010 -

Postdoc: CERN Research Fellow, Geneva, Switzerland, 1978 -1981.

Previous positions:

- Research Associate, The Gustaf Werner Institute, Uppsala University, Sweden, 1981 - 1986
- CERN Scientific Associate, Geneva, Switzerland, 1984 -1985.
- Staff Scientist, The Svedberg Laboratory, Uppsala University, Sweden, 1986 - 1989
- CERN Corresponding Fellow, Geneva, Switzerland, 1988-1990
- Associate Professor, Swedish Natural Science Research Council, 1990 - 1995
- Senior lecturer, Dept. of Radiation Sciences, Uppsala University, Sweden, Jan 1996 – January 2000
- Professor, Dept. of Physics and Astronomy, Uppsala University, Sweden, 2000 – 2009

Research: Hadron Physics with Proton and Antiproton Beams, Reaction Mechanisms, Meson Production and Decays, Hyperon Physics

Current experiments:

- WASA at COSY, FZ-Jülich, Germany
- PANDA, FAIR, Germany
- KLOE-2, Frascati, Italy

Publications: More than 200 Publications in Refereed Journals and Conference Proceedings

Commissions:

- Member of the Program Committee for Physics and Mathematics, The Swedish Natural Science Research Council, 1992 - 1995.
- Swedish delegate, European Council for Future Accelerators (ECFA) 1992 - 1995.
- Scientific secretary, Program Advisory Committee, The Svedberg Laboratory 1993 – 1998.

- Member of the Board, Department for Radiation Sciences, Uppsala University, 1997 - 2000.
- Member of the Board, the The Svedberg Laboratory, Uppsala, 1997 - .2003.
- Member of the COSY Program Advisory Committee, FZ-Jülich, Germany, 2003 – 2007 (Vice Chairperson 2006 – 2007).
- Member of the Management Board, EC FP6 Integrating Infrastructure Initiative “Hadron Physics”, 2004 – .
- Member of the Panel for Astronomy and Subatomic Research, Committee for Infrastructures, Swedish Research Council, 2005 - .
- Editing Board, PANDA Physics Book, 2008 -
- Member of the Management Board, EC FP7 Integrating Infrastructure Initiative “Hadron Physics”, 2009 – .
- Chairperson, The Tandem Accelerator Laboratory, Uppsala University, 2009 -

Faculty opponent:

- " $\gamma$ ,  $\pi^0$ , and  $\eta$  Spectroscopy of  $\bar{p}p$  Annihilations at Rest ", S. Carius, The Royal Institute of Technology, Stockholm, May 30 1986.
- " Probing the Hot Zone of Colliding Nuclei", R. Elmér, Lund University, Lund, Jan. 19, 1996.
- “ The  $(\gamma,p)$  reaction in  $^{16}\text{O}$  and  $^{18}\text{O}$  at  $E_\gamma = 50\text{--}70\text{ MeV}$ ”, P. Lilja, Lund University, Lund, October 1, 2004.

- Member of the jury at 14 doctoral dissertations:

PhD supervisor:

- G. Ericsson, "Production of Heavy Hypernuclei in Antiproton- Proton Annihilation - Study of Their Decay in the Fission Channel", Ph.D., Uppsala University, 1988.
- S. Ohlsson, "Study of  $\bar{p}p \rightarrow \bar{\Lambda}\Sigma^0 + c. c.$  near threshold", Ph.D., Uppsala University, 1990.
- J. Dyring, "Kinematical distributions from the  $p + p \rightarrow p + p + \eta$  reaction near threshold", Ph.D., Uppsala University, 1997.
- S. Pomp, "  $\bar{\Lambda}$  and  $\Lambda$  Polarisation from the Reaction  $\bar{p} + ^{12}\text{C} \rightarrow \bar{\Lambda} + \Lambda + X$  ", Ph.D. Uppsala University, 1999.
- H. Petré, "  $\eta$  Meson Production in Proton-Proton Collisions at Excess Energies of 40 and 72 MeV", Ph.D., Uppsala University, 2009
- S. Grape, "Studies of PWO Crystals and Simulations of the  $\bar{p}p \rightarrow \bar{\Lambda}\Lambda, \bar{\Lambda}\Sigma^0$  Reactions for the PANDA Experiment", Ph.D. Uppsala University, 2009.
- Li Balkeståhl, 2010 -

Licentiate  
Supervisor:

- P. Sundberg "Tagging on neutrons by detecting spectator protons from quasi-free proton-neutron reactions on deuterium", Uppsala University, 2000.
- S. Grape "PWO crystal measurements and simulation studies of  $\bar{\Lambda}$  hyperon polarisation for PANDA", Uppsala University, 2008.

Administration:

- Deputy head, Dept. of Radiation Sciences, Uppsala University, Oct 1998 - Dec 1999
- Head, Dept. of Radiation Sciences, Uppsala University,

Jan 2000 – 2005.

- Head, Dept. of Nuclear and Particle Physics, Uppsala University,  
Jan 2006 – 2007.

- Deputy head, Dep. of Physics and Astronomy, Uppsala University,  
2010 –

Referee work:

European Physics Journal A

Nuclear Instruments and Methods in Physics Research

Physica Scripta

Physics Letters B

Zeitschrift für Physik A

Meetings:

- Main organiser with E. Nyman, Helsinki, of the "7th Nordic Meeting on Intermediate and High Energy Nuclear Physics" in Geilo, Norway, 1987.

- Member of the local organising committee for the Int. Workshop on RHIC Counters (RICH 95), Uppsala 1995.

- Member of the local organising committee for the "15th Int. Conf. on Particles and Nuclei (PANIC99)", Uppsala, 1999.

International advisory committee memberships:

- "Physics at SuperLEAR", Zürich, Switzerland, 1991.

- "9th Nordic Meeting on Nuclear Physics", Jyväskylä, Finland, 1998.

- "Mesons and Light Nuclei", Prague, Czech Republic, 2001.

- "9th Int. Symp. on Meson-Nucleon Physics and the Structure of the Nucleon, MENU2001", Washington DC, USA, 2001.

- "Workshop on the Physics of Excited Nucleons, NSTAR2002", Pittsburgh, USA, 2002.

- "Int. Conf. on the Structure of Baryons ,BARYON04", Paris, France, 2004.

- "16th Int. Spin Physics Symposium, SPIN04", Trieste, Italy, 2004,

- "10th Int. Symp. on Meson-Nucleon Physics and the Structure of the Nucleon, MENU2004", Beijing, China, 2004.

- "11th Int. Conf. BARYON'07", Seoul, Korea, 2007.

- "Int. Conf. on Low Energy Antiproton Physics, LEAP'08", Vienna, Austria, 2008.

- "3rd APS Topical Group in Hadron Physics Workshop, GHP2009", Denver, USA, 2009.

- "Int. Nuclear Physics Conference, INCP 2010", Vancouver, Canada, 2010.