BIOGRAPHY

PROF. JAN-ANDERS E. MANSSON

Professor Jan-Anders E. Mansson, born 1952 in Örkelljunga, Sweden, is married to Queein Chang Mansson and have two children, Hanna 18 and Johannes 23. He obtained in 1981 his PhD-degree in Mechanical Engineering from Chalmers University of Technology in Gothenburg, Sweden. After 5 years as head of the R&D department at KB Component AB, Sweden, he moved in 1985 to an academic position at the University of Washington, Seattle. 1987, he was appointed Professor at the University of Washington (Department of Chemical Engineering), and in 1989 Professor at the Royal Institute of Technology (joint appointment Department of Polymer Technology and Aeronautical and Vehicle Engineering), Stockholm.

In 1990, Mansson joined the Ecole Polytechnique Fédérale de Lausanne (EPFL) as Professor and Director of a newly created chair in Polymer and Composite Technology (LTC) at the Institute of Materials. His research at EPFL-LTC focused on novel cost-effective materials and manufacturing methods as well as unique additional functionalities, beyond the classical performance characteristics of composite materials. Scaling strategies for industrial implementation has been a focus since the beginning. The research partners are in the Automotive, Aerospace, Chemical, Medical and Sport industries and has led to over 700 scientific publications and a number of patents and patent applications. Current h-index of 50.

Besides his research, Prof. Mansson has during the period 2004-2008, been Vice-president at the Ecole Polytechnique Fédérale de Lausanne, responsible for a newly created vice presidency in Innovation and Technology Transfer, with a mission to build-up a “new” tech-transfer interface at EPFL. During the period 2000-2008, he served as Swiss Focal Point, under the Swiss Federal Science Agency for the cooperation in Science and Technology with the Republic of Korea. Since 2008, Prof. Mansson is besides his EPFL engagement, President of the International Academy of Sports Science and Technology, AISTS, an International Olympic Committee (IOC) co-founded organization linking Academic Institutions in Sport Management and Technology.

In 2016 Prof. Mansson joined Purdue University as Distinguished Professor in Engineering and as Director of the Composite Manufacturing and Simulation Center (CMSC). In 2018 he founded the related Manufacturing Design Laboratory (MDLab) equipped as a fully Industry 4.0 Composite Manufacturing testbed. He also serves as

Co-Executive Director for Indiana Manufacturing Competitiveness Center (INMAC) and Purdue Coordinator for Advanced Manufacturing to Wabash Heartland Innovation Network (WHIN).

Mansson is the founder and Executive Director of the newly created Ray Ewry Sports Engineering Center at Purdue in close links with the International Olympic Committee (IOC). He is currently also the Chairman of the Swimwear Approval Committee of the International Federation of Swimming (FINA) and on the Board of IOC's Athlete Learning Gateway.

Prof. Mansson is also the founder of the composite company, EELCEE Ltd., active in the field of High-Volume Composites and Additive Manufacturing with its main operation in Korea and USA.

In addition of being a World Fellow of the International Committee on Composite Materials, he is member of the Royal Swedish Academy of Engineering Sciences, IVA, and the Swiss Academy of Engineering Sciences, SATW.

CURRICULUM VITAE (short version)

PROF. JAN-ANDERS E. MANSSON

PERSONAL DATA

Address: 1500 Northwestern Ave.
West Lafayette, IN 47906

Date of birth: 11 March, 1952, Örkelljunga, Sweden
Private status: Married Queein Chang-Mansson, children Johannes 23, Hanna 18

Education:

1981 Doctor of Philosophy
Chalmers University of Technology, Dept. of Polymeric Materials
Gothenburg, Sweden

1977 Bachelor / Master of Science
Chalmers University of Technology, Mechanical Engineering
Gothenburg, Sweden

EMPLOYMENT HISTORY

2016 – present Distinguished Professor of Materials and Chemical Engineering
Schools of Materials and Chemical Engineering
Purdue University

2018 – present Courtesy appointment in School of Aeronautics and Astronautics
Purdue University

2016 – present Director of the Composites Manufacturing Simulation Center
Purdue University

2018 – present Executive Codirector
Indiana Manufacturing Competitiveness Center (IN-MaC),
Purdue University

2019 – present Purdue Coordinator for Advanced Manufacturing
Wabash Heartland Innovation Network (WHIN), Purdue University

2019 – present Executive Director
Ray Ewry Sports Engineering Center at Purdue University

1990 - 2016 Professor and Laboratory Director, EPFL
Laboratoire de Technologie des Composites et Polymères (LTC),
Ecole Polytechnique Fédérale de Lausanne (EPFL),
Institut des Matériaux (IMX), Lausanne, Switzerland

2008 - 2016	President, AISTS International Academy of Sports Science and Technology, AISTS.
2004 – 2008	Vice-president, EPFL Ecole Polytechnique Fédérale de Lausanne (EPFL) Spec. responsibility: Innovation and Tech-Transfer
2000 - 2004	Director of the Institut des Matériaux, EPFL Ecole Polytechnique Fédérale de Lausanne (EPFL)
1989 -1990	Professor, KTH, Royal Institute of Technology, Department of Polymer Technology and Department of Aeronautical Structures and Materials, Stockholm, Sweden
1987 – 1989	Assistant Professor (University of Washington)
1985 - 1987	Post-Doctoral Fellow University of Washington, Department of Chemical Engineering Polymeric Composite Laboratory, Seattle, Washington, USA
1981-1985	Head of R&D Department Konstruktions-Bakelit AB, Örkelljunga, Sweden
1977-1981	Teaching and Research Assistant Chalmers University of Technology, Dept. of Polymeric Materials Gothenburg, Sweden