



Professor Franz G. Rammerstorfer

See:

<http://www.ilsb.tuwien.ac.at/~ra/>

<http://www.barnesandnoble.com/s/f-g-rammerstorfer>

<http://65.54.113.26/Author/7728209/franz-g-rammerstorfer>

Institute of Lightweight Design and Structural Biomechanics
Technical University of Vienna

Research Interests:

1. Lightweight Structures: Stress and stability analysis of thin walled structures, theory of plasticity, fracture mechanics, optimum design, model experiments
2. Numerical Engineering Methods: Development and advanced applications of Finite Element algorithms for linear and nonlinear problems of structural and continuum mechanics
3. Composite Materials: Mathematical-mechanical and experimental treatment of composite (and other multi-phase) materials and composite structures
4. Nano-Materials: Continuum mechanical formulations for and modeling of nanostructures such as thin films, carbon crystallites, carbon onions etc.

Biography:

Dipl.Ing. Mech.Engng., TU Wien, 1973

Dr.techn., Mech.Engng., TU Wien, 1976

Habilitation, Mechanics, TU Wien, since 1982

Professor of Lightweight Structures and Aerospace Engineering, TU Wien, 1983

Vice Rector for Research, TU Wien, 1998-2007

Visiting Professor, TU München, 2003/2004

Member of the Austrian Academy of Sciences, since 2005

Memberships in Scientific Societies and Councils:

Austrian Academy of Sciences (full member)

Austrian National Committee for Theoretical and Applied Mechanics

CEACM (member of the Board)

CISM (member of the Scientific Council, Rector)

Christian-Doppler-Forschungsgesellschaft (Senior Fellow, Chairman of the Senate)

ECCOMAS

EUROMECH

GAMM (member of the Executive Committee)

IACM (IACM Fellow)

ISSMO

OGE

Memberships in Editorial Boards of Scientific Journals:

Computational Methods in Applied Mechanics and Engineering

Computer Assisted Mechanics and Engineering Sciences

Computers & Structures

Engineering Fracture Mechanics

International Journal of Engineering Computations

International Applied Mechanics

Österreichische Ingenieur- und Architektenzeitschrift

Russian Journal of Biomechanics

Acta Mechanica (member of the Advisory Board)

Publications:

<http://www.ilsb.tuwien.ac.at/~ra/rapubl.html>