FELICIA STAN

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Head of Center of Excellence Polymer Processing (CE-PP)
Faculty of Engineering
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EDUCATION

April 2000 – March 2003

Kobe University of Mercantile Marine, Japan
Ph.D. in Mechanical Engineering

October 1996 – June 1997

Dunarea de Jos University of Galati, Romania
M.S. in Mechanical Engineering, Numerical Modeling of Mechanical and Technological Processes

October 1991 – June 1996

Dunarea de Jos University of Galati, Romania
B.S. in Mechanical Engineering

ACADEMIC AND RESEARCH EXPERIENCE

October 2014 – present

Professor
Department of Manufacturing Science and Engineering
Faculty of Engineering, Dunarea de Jos University of Galati

October 2007 – September 2014

Associate Professor
Department of Manufacturing Science and Engineering
Faculty of Mechanical Engineering, Dunarea de Jos University of Galati

April – June 2004, October – December 2004

Postdoctoral Fellow
Engineering Mechanics Chair
Faculty of Aerospace Engineering, Delft University of Technology

April 2003 – September 2007

Assistant Professor
Manufacturing Science and Engineering Department
Faculty of Mechanical Engineering, Dunarea de Jos University of Galati

July 2002 – February 2003

Research Assistant
Simulation Engineering Laboratory
Kobe University of Mercantile Marine, Japan

March 1998 – March 2000

Teaching Assistant
Department of Mechanics and Strength of Materials
Faculty of Mechanical Engineering, Dunarea de Jos University of Galati

INDUSTRIAL EXPERIENCE

October 1996 – February 1998

Designer Engineer
MENAROM Ship Equipment Industries Co, Galati, Romania

RESEARCH INTERESTS

- Manufacturing of Polymers and Polymer Nanocomposites
- Additive Manufacturing of Polymers and Polymer Composites
- Polymer Recycling and Upcycling
- Computational and Experimental Fracture Mechanics
- Numerical Modeling of Materials and Manufacturing Processes
- Materials Characterization (Micro-Nano Indentation, Rheology, Fracture, Damage and Adhesion)
- Nano-Materials and Nanotechnology
- Electrospinning on Nanofibers and Their Applications for Food Science