Curriculum Vitae

Current Professional Status

Full Professor
University of technology of Troyes
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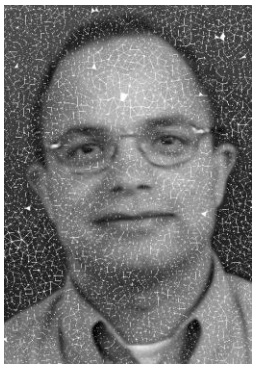

Education

Diploma:

Research Habilitation (HDR): December 2002
Discipline: Mechanical engineering
Title: Contribution to the simulation of material forming
Establishment: University Technology of Compiegne, France

Phd thesis: December 1994
Discipline: Mechanical engineering
Under the supervision: Pr. Jean Claude Gelin, Femto-CNRS, France
Title of PhD thesis: Numerical simulation of the composite woven fabric forming using finite element method
Establishment: University of Science and Technology of Franche-Comte, France

Master: June 1991
Discipline: Mechanics of Materials Science and Mechanics of Materials
Establishment: University of Science and Technology of Franche-Comte, France

Engineer: June 1989
Discipline: Mechanical engineering, mechanical design and manufacture optional
Establishment: Military Polytechnic Algiers

Teaching:

Engineering degree

- University of Technology of Troyes UTT) since 1989 (http://www.utt.fr/en/education/engineering-degree.html)

Courses:

- Continuum Mechanics
- Mechanical vibrations and dynamic structures
- Modeling of structures using finite elements
- Theoretical and Experimental Stress Analysis
- Numerical simulation of materials processes
- Innovative materials and manufacturing processes
- Simultaneous engineering and PLM administration

- SHU - University of Sino-European University of Technology of Shanghai UTSEUS, China, since 2001 (http://utseus.com/en)

Courses:

- CAD and Catia
- Dimensioning of engineering components and structures

Master

- Master of Science at UTT, major Technologies and mechanics of advanced materials (TEMMA) and Composite agro-materials engineering (IAMC)
(http://www.utt.fr/en/education/master-of-science.html)

Courses:

- Mechanics of innovate materials and structures
- Finite element simulation of elastoplastic structures
- Characterization and dimensioning of Bio-composite structures

- Mechanical Energy Processes and Products at École supérieure des sciences et technologies de l'ingénieur de Nancy France, major Mechanics and Energetics
(https://www.esstin.univ-lorraine.fr/fr/la-recherche/masters-et-doctorats)

Course:

- Mesh adaptation and applications in finite element method

PhD

Doctoral School "Science and Technology", major Materials, Mechanics, Optics, Nanotechnology (http://www.utt.fr/en/education/phd-studies.html)

Course:

- Mesh for science engineer and applications

Research

My research related innovate materials, mechanical models and modeling of manufacturing processes and especially the numerical simulation of engineering structures and materials forming. The approaches developed in various activities combine the description of the physical and mechanical problems related to structure and processes, their mathematical formulation, numerical simulation methods associated techniques for meshing and adaptive remeshing and finally methods for the identification, the optimization, the reliability and the processes control.

Supervision			
THESIS	MASTER	ENGINEER	POST-DOC
15	**25**	**46**	**2**

Publications		
Journals	Conferences	
	International	National
109	**75**	**40**

Others				
Participation in seminaries	Organization of national and international conferences	Reviewing of research papers	Doctoral thesis committee	HDR committee
13	**10**	**20**	**25**	**4**