

**TECHNICAL UNIVERSITY  
OF CLUJ-NAPOCA  
MATERIALS SCIENCE AND  
ENGINEERING  
DEPARTMENT**



**PERSONAL DATE**

Name	<b>ADRIANA NEAG</b>
Nationality	Romanian
Date and place of birth	July 31st, 1969, City: Cugir, Country: Alba
Marital status:	Married, one child
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**PROFESSION  
POSITION**

Metallurgical Engineer  
Lecturer 2006

**EDUCATION**

- 1989-1994 Technical University of Cluj-Napoca, Faculty: Materials Science and Engineering, Speciality: Metals Casting
- 1994-1995 Technical University of Cluj-Napoca, Faculty: Materials Science and Engineering, Speciality: Engineering and Management of Machines and Tools Fabrication; Master of Science
- 2000-2002 Technical University of Cluj-Napoca, *Post-university studies*, Applied Informatics and Programming
- 2008 *PhD Thesis*: Researches regarding the obtaining and the behaviour to deformation of thixotropic aluminium alloys, Technical University of Cluj-Napoca
- 2010-2013 *Post-doctoral studies*: Improvement of numerical simulation programs performance concerning the thixoforging processing using advanced material models

**SPECIALIZATIONS**

- 1994 “TEMPUS” scholarship at Centre Technique des Industries de la Fonderie –Sèvres-France – 3 months
- 2005 “Summer University” at Ecole Nationale Supérieure d’Arts et Métiers, Metz, France
- 2006-2007 EGIDE scholarship at Ecole Nationale Supérieure d’Arts et Métiers, Metz, France, 8 months
- jun.2007 Journée thématique „Semi-solid material behaviour and applications to thixoforming”, Doctorale Collège franco-allemand, ENSAM, Metz, France
- 2007 Training School on Modelling Semi-Solid Processing, Zaragosa – Spania, certificate “COST 51 ”THIXOSTEEL”,
- 2008 Training on FORGE2009 at Transvalor S.A. Sophia Antipolis, France
- 2011 Post-doctoral mobility at Ecole Nationale Supérieure d’Arts et Métiers, Metz, France, 2 months

**PROFESSIONAL EXPERIENCE**

- 1995-1998 Engineer, S.C.Mafir S.A., Cluj-Napoca
- 1998-2000 Engineer, S.C. CUG S.A., Cluj-Napoca
- 2000-2003 PhD student, Department of Materials Processing Engineering, Technical University of Cluj-Napoca

• 2003- at present

Teaching Assistant and Lecturer in the Department of Materials Processing Engineering, Technical University of Cluj-Napoca

### **SCIENTIFIC ACTIVITY**

- 20 Scientific papers
  - 12 papers in proceedings of international conferences
  - 8 papers in journals

### **PROFESSIONAL INTERESTS**

- Forming technology
- Numerical simulation of hot forging processes
- Constitutive modelling of materials subjected to semi-solid forging
- French: advanced level
- English: average level.

### **FOREIGN LANGUAGES**

### **RESEARCH CONTRACTS**

- *Postdoctoral contract* 2010-2013

“Improvement of numerical simulation programs performance concerning the thixoforging processing using advanced material models”

Participant in 7 research contracts:

#### INTERNATIONAL

„Modelisation des effets thermiques en thixoforgeage” 2007-2008, bilateral contract PAI-Brâncuși with ENSAM, Metz, Franța – Responsible

#### NATIONAL

Member in 6 contracts

Cluj-Napoca

05/08/2011

Lecturer dr.eng. Adriana NEAG