

PERSONAL INFORMATION

Florin Ciolacu



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Sex Male | Date of birth 03/08/1967 | Nationality Romanian

<https://scholar.google.ro/citations?user=YNVt07MAAAAJ&hl=ro>

WORK EXPERIENCE

March 1999 - Present

Lecturer

Gheorghe Asachi Technical University of Iasi, Romania, Faculty of Chemical Engineering and Environmental Protection, Department of Natural and Synthetic Polymers

Teaching activities:

Course offerings (Bachelor's level)

- Papermaking Process Engineering 1 (2008-present), Papermaking Process Engineering 2 (2012- present), Printing Technology (1998- present), Equipments for Paper Industry 1 (2007-2008), Paper Technology 1 (2007-2008), Chemistry of Additives for Pulp and Paper Industry (1998-2006)

Course offerings (Master's level)

- Physics of Fibrous Structures (2015-present), Multifunctional Fibrous Structures (2014-present), Physics of biomaterials (2009-2014), Paper Physics (2000-2010)

Laboratory classes:

- Equipments for pulp and paper industry (1999 - 2008), Man-Made Fibres Technology (1999 - 2008), Wood Chemistry (2001-2002), Chemistry of Additives for Pulp and Paper Industry (1998-2006), Paper Physics (2000 -2010), Biomaterials Physics (2009-2014), Physics of Fibrous Structures (2015-present), Printing Technology (1998 - present)

Research activities in the following areas:

- Paper Technology - Alternative sources for papermaking fibres – secondary fibres, deinking technology, neutral/alkaline papermaking, softcalendering
- Paper Physics – structure and physical properties of fibre and fibre networks (dry and wet state), paper structure, fibre and paper rheology, dimensional stability, optical properties
- Wet end chemistry - additive systems, white water management.
- Developing the new methods, materials and techniques for an unconventional conservation process of heritage paper documents
- Paper in high-tech applications: paper-based microfluidics
- Cellulose-based hydrogels with medical applications

Oct.1994 - Feb. 1999

Assistant Professor

Gheorghe Asachi Technical University of Iasi, Romania, Faculty of Chemical Engineering, Department of Pulp, Paper and Fibres

Teaching activities: Laboratory classes: Equipments for pulp and paper industry (1994 - 1999), Man-Made Fibres Technology (1996 -1999), Macromolecular Chemistry (1998 - 1999)

Research activities in paper rheology domain

Oct.1991 - Sept.1994

Preparator (Associate assistant)

Gheorghe Asachi Technical University of Iasi, Romania, Faculty of Industrial Chemistry, Department of Pulp, Paper and Fibres

Teaching activities: Laboratory classes: Equipments for pulp and paper industry (1991 – 1994)
Research activities in paper science area

EDUCATION AND TRAINING

Feb. 1992 - Dec. 1998

Doctor in chemistry (Ph.D)

EQF level 5

Domain: Technology and rheology of pulp and paper

Gheorghe Asachi Technical University of Iasi, Romania

- Ph.D. thesis title: "Influence of calendering parameters on the rheological paper and board properties" Supervisor: Prof.Dr.Doc. Emanuel Poppel

Sept. 1986 – June 1991

Chemical Engineer

EQF level 4

Technology of pulp, paper and man-made fibres

Gheorghe Asachi Polytechnic Institute of Iasi, Faculty of Industrial Chemistry

- Thesis title for chemical engineer degree: "Kinetically modelling of hemicelluloses hydrolysis"
- Supervisor: Prof. Dr. Gheorghe Rozmarin

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C2	C1
Replace with name of language certificate. Enter level if known.					
German	A1	A2	A1	A1	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained through my experience as lecturer and as Programme Tutor for the students from the 4th year.

Organisational / managerial skills

- leadership and good organisational skills gained as leader of "Cellulose" Laboratory

Job-related skills

- good command of quality control processes (currently responsible for quality audit of the Bachelor study programme: Papermaking Engineering)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

- good command of office suite (word processor, spread sheet, presentation software)

Other skills

- technical manual skills

Driving licence

B (1995)

PERSONAL SKILLS

ADDITIONAL INFORMATION

Publication: Books and chapters: 6
 Papers published: 84 (31 ISI, 28 IDB, 25 in Proceedings)
 Patents 2

Memberships

Member of the Romanian Pulp and Paper Association (since 1991)
Member of the Organizing Committee of International Symposia on Cellulose Chemistry and Technology
Member of the Editorial Committee of the "Celuloză și Hârtie" Journal