Curriculum vitæ

PERSONAL INFORMATIONS

DELAITE Christelle

LPIM - Institut Jean-Baptiste Donnet, 3b rue Alfred Werner, 68093 Mulhouse cedex (France)

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PROFESSIONAL POSITION

Professor (Full Professor)

PROFESSIONAL EXPÉRIENCE

01/09/2007–present

Full Professor

Université de Haute Alsace, Mulhouse (France)

2007 - 2013 : Head of the Chemistry and Physical Chemistry of Polymers research team (CPCP team - LPIM - EA4567)

2010 - 2015 : Head of the Master's programme in Chemistry at Université de Haute-Alsace (UHA).

01/09/1999–31/08/2007

Associate Professor

Université de Haute Alsace, Mulhouse (France)

01/10/1995–30/09/1998

PhD Researcher

Laboratory of Catalysis and Polymerisation Processes (LCPP) - Université Claude Bernard, Lyon (France)

ÉDUCATION AND TRAINING

01/09/1994–30/06/1995

Postgraduate Diploma in Advanced Studies (DEA) in Catalysis

Université Claude Bernard, Lyon (France)

01/09/1991–30/06/1994

Ecole Supérieure de Chimie Industrielle de Lyon (ESCIL)

Lyon (France)

01/09/1989–30/06/1991

Preparatory Classes for the Grandes Écoles (CPGE)

Lycée Blaise Pascal, Clermont-Ferrand (France)

PERSONAL SKILLS

Mother tongue: French

Other langage

	COMPRENDRE		PARLER		ÉCRIRE
	Listening	Reading	Spoken interaction	Spoken production	
english	B2	C1	B2	B2	B2

Proficiency levels: A1 and A2 – Basic User; B1 and B2 – Independent User; C1 and C2 – Proficient User.
Cadre européen commun de référence pour les langues

JOB-RELATED SKILLS AND RESEARCH EXPERIENCE

My research career began with a PhD thesis at the Laboratory of Catalysis and Polymerisation Processes (LCPP, Villeurbanne), focusing on the design and development of new heterogeneous catalysts based on Lewis acid alkoxides (rare earth elements, aluminium and zirconium) for the coordination-anionic polymerisation of lactones and oxiranes in protic media.

The use of these new catalytic systems was subsequently extended to the synthesis of functional oligomers and block and statistical copolymers. The influence of various parameters, including the active centre, support, temperature and alcohol, on polymerisation kinetics was investigated, leading to the proposal of a reaction mechanism.

Since my appointment as an Associate Professor in 1999, I have contributed to the development of the main research areas of the Macromolecular Chemistry Laboratory in Mulhouse. These include the controlled synthesis of copolymers with complex architectures, such as block and star copolymers, and the study of dispersed systems. I also introduced a new research area focused on surface modification, including the synthesis of nanocomposites and the encapsulation of mineral fillers.

Following my appointment as a Professor in 2007, I continued these research activities and established strong collaborations with various industrial partners.

These research activities have resulted in 115 publications in international scientific journals and 6 patents, as well as approximately 120 scientific presentations, including oral presentations and posters.

I have supervised 29 PhD theses and 4" Habilitations à Diriger des Recherches" (HDR). Two additional PhD theses are currently in progress. I have also participated in five FUI projects, served as a member of an ANR Industrial Chair programme, and been responsible for approximately 30 industrial research contracts.

APPOINTMENTS AND PROFESSIONAL SERVICE

- 2006–2010: Appointed member of the Scientific Council of the CNRS Chemistry Department; member of its executive committee.
- 2010–Present: External member of the board of the Doctoral School of Chemistry at the University of Strasbourg (Unistra).
- 2011–Present: Elected member of the governing board of the École Nationale Supérieure de Chimie de Mulhouse (ENSCMu).
- 2017–Present: Court-appointed expert.
- 2021–2023: Project officer responsible for "Best Practices in Research Valorisation" at Université de Haute-Alsace (UHA).
- 2026–Present: Elected member of the Board of Directors of Université de Haute-Alsace (UHA).

ADMINISTRATIVE RESPONSIBILITIES AND SCIENTIFIC LEADERSHIP

- Head of the Chemistry and Physical Chemistry of Polymers research team at LPIM (2007–2013).
- Co-director of the Master's programme in Chemistry until 2010 at Université de Haute-Alsace (UHA).
- Director of the Master's programme in Chemistry established in September 2013 at Université de Haute-Alsace (UHA).
    - Deputy Director of LPIM (2022).
    - Director of LPIM (2023–Present).

Main national and international collaborations

- Laboratory of Catalysis and Polymerisation Processes, Lyon, France.
- Institute of Condensed Matter Chemistry of Bordeaux, Pessac, France.

- École des Mines d'Alès, Alès, France.
- Gheorghe Asachi Technical University, Iași, Romania.
- University of Sfax, Tunisia.

CONFERENCE AND SCIENTIFIC EVENT ORGANISATION

Organiser of Club Émulsion 2009, Mulhouse, France (24–25 September 2009), with 60 participants.

Member of the Scientific Committee of the 40th National Congress of the French Polymer Group (GFP 2011), Pau, France (21–24 November 2011).

Member of the Organising Committee of the Formula VII Symposium, Mulhouse, France (1–4 July 2013), with 300 participants.

Member of the Scientific Committee of the PMFIC 2021 Conference, Béjaïa, Algeria (29–30 September 2021).

Member of the Scientific Committee of the JEMP 2024 Conference, Béjaïa, Algeria (14–15 October 2024).

PARTICIPATION IN PhD EXAMINATION COMMITEES

External examiner for 54 PhD theses.

Chair of 10 PhD examination committees.

PARTICIPATION IN HABILITATION (HDR) EXAMINATION COMMITEES

External reviewer for 5 Habilitation theses (HDR).
Examiner for 3 HDR examinations.
Chair of 1 HDR examination committee.

Academic supervisor (garante) for 4 HDR candidates.

DISTINCTION: Doctor Honoris Causa

Awarded by Apollonia University, Iași, Romania, in February 2020.

