

## Tatiana BUDTOVA

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### PROFESSIONAL EXPERIENCE

From 01.09.2004	From October 2021 “senior research director” (directeur de recherche classe exceptionnel), from April 2015 “research director” (directeur de recherche), from October 2008 senior researcher (maître de recherche), researcher (chargé de recherche) in CEMEF, Mines Paris
From September 2015	<b>Editor</b> , from July 2022: <b>Editor-in-chief</b> of Carbohydrate Polymers journal (Elsevier), impact factor: 10.8
From January 2016 to October 2020	<b>Finland Distinguished Professor</b> , Aalto university, Finland (part time)
From September 2008 to 2016	<b>Holder of the Industrial Chair in Bioplastics</b> : Chair in Mines ParisTech sponsored by a consortium of five French companies.
From 1997 to 01.09.2004	<b>Visiting professor</b> and " <b>Responsable-adjoint</b> " in CEMEF, Mines ParisTech, Sophia-Antipolis, France (part time from November 1997 to September 2000; full time from September 2000 to September 2004).
2000 (2 weeks)	<b>Invited professor</b> . Colorado State University, USA <u>Subject</u> : «Polymer-metal complexes and gel formation»
1994-1996 (12 months)	<b>Invited research position</b> . CEMEF, ENSMP, Sophia-Antipolis, France
1993 (3 months)	<b>Post-doctoral fellowship</b> . CEMEF, ENSMP, Sophia-Antipolis, France.
From 1987 to 2004	<b>Researcher</b> in the Institute of Macromolecular Compounds, Russian Academy of Sciences, St.-Petersburg, Russia.

### ACADEMIC BACKGROUND

2003	Qualified as a <b>professor</b> in section 33, France
2002	Qualified as a <b>professor</b> in sections 28 and 31, France
1999	<b>Habilitation à diriger des recherches</b> , University of Nice/Sophia-Antipolis-ENSMP, France
1992	<b>Candidate thesis</b> (equivalent to a PhD). Institute of Macromolecular Compounds, Russian Academy of Sciences, St.-Petersburg, Russia.
1987	<b>Diploma</b> in physics (equivalent to Master degree, 5.5 years study). Physical faculty of St.-Petersburg State University, Russia.

### AWARDS

2024	Chevalier de l'Ordre National du Mérite
2020	Silver Medal/Medaille d'argent CNRS
2017	Prix “Innovation - Prix Imagin'Maïs 2016-2017” pour « Matériaux innovants et fonctionnels à base d'amidon: les bio-aérogels »
2015	Grade “Chevalier de Palmes Académiques” (Order of Academic Palms)
2014	Prix des Techniques Innovantes pour l'Environnement “Pollutec-2014”/ADEME
1997	Award for post-doctoral researches from the city of St.-Petersburg
1994	Russian Academy of Sciences award for young researchers
1993, 1994	Two travelling grants from the International Science Foundation (USA)
1993	Personal grant from the International Science Foundation (USA)

## **PUBLICATIONS**

- |  |     |
|--|-----|
| - refereed journals (published and accepted) | 180 |
| - books and book chapters                    | 10  |

## **PATENTS**

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## **CONFERENCES**

- |   |    |
|---|----|
| - invited lectures in international conferences | 40 |
| - invited lectures in national conferences      | 22 |

## **RESEARCH PROJECTS: SCIENTIFIC AND MANAGEMENT RESPONSIBILITIES**

Industrial funding	10
Public funding (national)	> 15
Public funding (international)	> 10
Inter-academic projects	20

## **OTHER ACTIVITIES**

- Participation to committees: recruitment, evaluation (HCERES): several per year
  - Refereeing research projects (several per year)
  - Refereeing PhD and HDR thesis: national and international (several per year)
  - Interviews and articles for scientific community and general public: several per year
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- Elected Chair of Cellulose and Renewable Materials division, American Chemical Society, 2023-2026.
  - Secretary of Cellulose and Renewable Materials division, American Chemical Society, 2019 – 2020, 2021-2022.
  - Member of the board in GDR (national research network) “DUMBIO” (Sustainability and biobased materials) and responsible of topic “Biobased materials and hydrated biopolymers”
  - Member of board in GDR (national research network) “Polymers and ionic liquids” and responsible of topic “Polymers processing from ionic liquids” (2014-2017, 2018-2021)

## **ACADEMIC SUPERVISING**

Supervising PhD thesis:	27
Participating to supervision of PhD thesis:	4
Post-doctoral researchers	14
Master students	> 40
Foreign visitors (> one week)	> 50