

B2. Curriculum vitae (maximum 2 pages)

PERSONAL INFORMATION:

Family name, First name: **RUSEN EDINA ANAMARIA**; Researcher unique identifier(s): **ORCID ID** 0000-0002-1660-017X; BrainMap Link: <https://www.brainmap.ro/edina-rusen>

Date of birth: **12.05.1979**

URL for web site: <http://tsocm.pub.ro/profesor/rusen/index.htm>; <http://edinarusen.freewb.ro/dr-edina-rusen>; Leader of **Macromolecular compounds chemistry and polymer nanocomposites laboratory - NanoPol Lab – UPB** - <https://erris.gov.ro/NanoPollab---UPB>

EDUCATION

2003-2005 - PhD, Thesis “*Studies on binary and ternary polymerization and on Polymer Analogous Reactions*” University Politehnica Bucharest, Faculty of Industrial Chemistry, Romania

2003 - Master, specialization „*Modern synthesis of macromolecular compounds*” University Politehnica Bucharest, Faculty of Industrial Chemistry, Romania;

PROFESSIONAL EXPERIENCE

2013 - 2019 - Assistant Professor, University Politehnica of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Bioresources and Polymer Science, Romania;

2008-2013 - Lecturer, University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania;

2004-2008 – Assistant, University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania.

TEACHING ACTIVITIES

University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania; *Chemistry of Macromolecular compounds; Polymeric Nanomaterials, Block and grafted copolymers synthesis* →classes, laboratories for Master studies, *Adhesives and Coatings*→classes, laboratories and projects sustained for VI-VIIth semesters; *Technologies of Polymers*→classes, laboratories and projects sustained for VI-VIIth semesters

ORGANISATION OF SCIENTIFIC MEETINGS

2014 - Organization of Scientific meeting for Students- “How to do?” University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania - 200 participants

2010- Member of the Jury for the competition “Young researcher” University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania - 25 participants

INSTITUTIONAL RESPONSIBILITIES 2012 - Member of the Acceptance Exam in the University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania; **2010 - Graduate Student Advisor**, University Politehnica Bucharest, Faculty of Applied Chemistry and Materials Science, Romania

COMMISSIONS OF TRUST

2011 – present, member of Editorial Board of Journal of Environmental Chemistry and Ecotoxicology;
2011 – present, member of Editorial Board Global Journal of Physical Chemistry and Colloids and Surfaces Chemistry;, reviewer at ‘Macromolecules’ (ACS Publication); **2010 – included in the American Edition of Who’s Who;** **2010 – present, reviewer at ‘Colloids and Surfaces A: Physicochemical and Engineering Aspects’** (Elsevier Publication), ‘Powder Technology’ (Elsevier Publication) ‘COLLOID AND POLYMER SCIENCE’ (Springer Publication)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2010 – present member of Romanian Society of Biomaterials;**2008 – present member of Romanian Society of Chemistry;** **2013 – member of AIM Italy** (Associazione Italiana di Scienza e Tecnologia delle Macromolecole)

MAJOR COLLABORATIONS

a. with International Universities

- Professor Georgios Staikos, University of Patras, Greece, Topics: Polymeric Photonic Crystals
- Professor Pietrick Hudhomme, University Angers, France, Topics: Polymeric Photonic Crystals

b. with Romanian Industries

- Implementation of the brake insulation system based on polyurethane for Romanian Railways (CFR SA, Romania) - Implementation of a Technological line for PET bottles recycling to obtain adhesives, unsaturated polyesters and polyurethanes for BetaMeg Invest SRL, Romania

Other informations:

2014 - member of the PhD committee thesis elaborated by Eng. Gabriel Mustățea, New synthesis methods for silver nanoparticles and the determination of their antimicrobial properties’ determination, University Politehnica of Bucharest, Romania

2017 - member of the PhD committee thesis elaborated by Eng. Anca Racoti

2015- Invited Speaker to 1st International Workshop Advances on Photocatalysis, AdvPhotoCat 2015, 6-8th July 2015, Iași, Romania

-85 ISI articles (54 main author), **350** number of citations without self-citations, Hirsch index **12**, **5** books, **2** international book chapters, **1** review, **2** patents, **FIC=121,31**, **N_{Top}=9**). PI has been involved in the implementation of over **15** research projects (**5** as project director, **4** as team responsible from UPB).

2013 - First Prize for Best Oral Presentation - Title “New design of antimicrobial membranes based on polymers colloids/MWCNT hybrid materials and silver nanoparticles” awarded by International Conference - PRIOCHEM 9th Edition, 30-31 October 2013, Bucharest, Romania.

2013 - She is the receiver of **L’Oréal National Fellowship UNESCO-WOMEN IN SCIENCE** – Physical Sciences category - “Photonic crystals with laser applications”.