CURRICULUM VITAE – Dorina M. Opris

1. PERSONAL INFORMATION

Family name, First name	**Opris, Dorina M.**
Researcher unique identifier(s):	ORCID: 0000-0002-0585-7500
Date of birth	28.05.1974
Nationality	Romanian/Swiss
Civil Status	Married
Two children	Pia (2005) and Yasu (2013)
E-mail	dorina.opris@empa.ch
Phone	+41(0)58 765 4304
Professional Address	Empa, Ueberlandstr. 129, CH-8600, Dübendorf, Switzerland

2. EDUCATION

2005 **PhD in Synthetic Organic Chemistry**
Freie Universität Berlin, Institute of Organic Chemistry, Berlin, Germany
Thesis title: *"Shape-persistent macrocycles with bipyridine units: progress in accessibility and widening of applicability"*
Supervisors: Prof. A. D. Schlüter (presently ETH emeritus) and Prof. H.-U. Reissig

1999 **Master in Chemistry**
Faculty of Chemistry, Babes-Bolyai University, Cluj-Napoca, Romania

3. CURRENT POSITION

2014 – **Group leader**, Swiss Federal Laboratories for Materials Science and Technology, Laboratory for Functional Polymers, Switzerland

4. PREVIOUS POSITIONS

2009 – 2013 **Research scientist**, Swiss Federal Laboratories for Materials Science and Technology, Laboratory for Functional Polymers, Switzerland

2006 – 2009 **Postdoctoral scholar**, Swiss Federal Laboratories for Materials Science and Technology, Laboratory for Functional Polymers, Switzerland

2001 – 2004 **PhD candidate** (assistant in organic chemistry), Institute for Organic Chemistry, Freie Universität Berlin, Berlin, Germany

1999 – 2001 **PhD candidate**, Faculty of Chemistry, Babes-Bolyai University, Romania

1997 – 2001 **Researcher** (food flavor field), Natex SA, Luna de Sus (full-time employee 1997 – 1999 and part-time 1999 – 2001)

5. AWARDS AND FELLOWSHIPS

2020 ERC Consolidator Grant "Synthesis of novel stimuli responsive dielectric polymers and their use in powerful transducers", 1’999’715 €.

2019	EuroEAP Society award "For important contributions to the field of new materials for Dielectric Elastomer Transducers" at the Ninth International Conference on Electromechanically Active Polymer (EAP) Transducers & Artificial muscles, June 5th **2019**, Dresden, Germany.
2001 – 2004	Fellow of the German Science Foundation (DFG) Sfb 448 "Mesoscopically Structured Hybrid Materials"
1994	First Prize in Organic Chemistry at Babes-Bolyai University, Romania
1992 – 1997	Romanian Government Scholarship for best students, Faculty of Chemistry, Babes-Bolyai University, Romania

6. TEACHING ACTIVITIES

2021 –present	**Lecturer** – "Materials Synthesis I" together with Prof. A. Anastasaki for bachelor materials science students, ETH Zürich, Switzerland (4 credit points, 38 students)
2018 –present	**Lecturer** - "Introduction to Macromolecular Chemistry" for chemistry master students, ETH Zürich, Switzerland (4 credit points, 50 students)
2018 –2021	**Lecturer** - Polymer part of the course "Materials Science I/II" for bachelor materials science students, ETH Zürich, Switzerland (3 credit points)
2002 – 2003	**Assistant** in the basic lab course for chemistry students "Organic Chemistry", FU Berlin, Germany.
2000 – 2001	**Assistant** in the lab course for chemistry students "Organic Chemistry", Babes-Bolyai University, Cluj-Napoca, Romania.

7. INSTITUTIONAL RESPONSIBILITIES

Since 2016 Member of the Empa research commission (FOKO A)

Representing the Functional Polymers Laboratory at several meetings with industry delegations, including those from Danfos (Danmark), Dow (Switzerland), Evonik (Germany), Wacker (Germany), Abatek, IBM (Switzerland), ABB (Switzerland), Swiss Plastics (Switzerland), Panasonic (Japan/Belgium), Johnson Electrics (Switzerland), Logitech (Switzerland) and Sateco (Switzerland).

8. RESEARCH FUNDING

2011-current A total amount of about **3'800 kEuro** as the main applicant and **1'480 kEuro** as co-applicant. The grants supported the PhD students and postdoctoral researchers. For a list, see below.