Wrocław University of Science and Technology
Doctoral School

ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCŁAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Konrad Cyprych
Grade / Title:	dr inż.
Scientific discipline	nauki fizyczne / physical sciences
Faculty:	**W3 Wydział Chemiczny / Faculty of Chemistry**
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Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://scholar.google.pl/citations?hl=pl&user=qcMl894AAAAJ&view_op=list_works

2. Publication record

Up to 10 most important papers published over the period of previous 10 years.

No.	Description (authors, publication title, journal / conference, DOI)	Publication year
1.	Two is better than one: ESIPT dyes as photoinitiators in two-photon polymerization M Durko-Maciag, G Ulrich, J Massue, J Mysliwiec, K Cyprych European Polymer Journal, 112235	2023
2.	Fourier transform analysis of multi-cavity random laser spectra: Applicability and limits K Cyprych, P Karpinski, L Sznitko, A Miniewicz, J Mysliwiec Optical Materials 128, 112322	2022
3.	The differentiation procedure between amplified spontaneous emission and lasing phenomena L Ryglowski, K Cyprych, J Mysliwiec Optics Communications 510, 127939	2022
4.	Tailoring the random lasing properties by controlled phase separation process in PMMA: PVK dye-doped polymeric blends K Cyprych, L Sznitko Polymers 13 (18), 3182	2021
5.	Analysis of organic luminescent dye aggregation forms embedded in cyclodextrins via random lasing M Janeczko, K Cyprych, M Kozbial, J Mysliwiec Organic Electronics 85, 105888	2020
6.	Anomalous interaction of spatial solitons in nematic liquid crystals K Cyprych, PS Jung, Y Izdebskaya, V Shvedov, DN Christodoulides, … Optics Letters 44 (2), 267-270	2019
7.	Plasmonic nanoparticles driven enhanced light amplification in a local 2D and 3D self-assembly K Cyprych, D Chateau, A Désert, S Parola, J Mysliwiec Nanomaterials 8 (12), 1051	2018

8.	Nonlinear propagation and quasi self-confinement of light in plasmonic resonant media V Shvedov, K Cyprych, MY Salazar-Romero, Y Izdebskaya, W Krolikowski Optics Express 26 (18), 23196-23206	2018
9.	Interplay of stimulated emission and fluorescence resonance energy transfer in electrospun light-emitting fibers L Sznitko, L Romano, A Camposeo, D Wawrzynczyk, K Cyprych, … The Journal of Physical Chemistry C 122 (1), 762-769	2018
10	An extended excited-state intramolecular proton transfer (ESIPT) emitter for random lasing applications J Massue, A Felouat, PM Vérité, D Jacquemin, K Cyprych, M Durko, … Physical Chemistry Chemical Physics 20 (30), 19958-19963	2018

3. Projects and grants

List of the most important 5 projects/grants with basic description including: title, source(s) of funding, name of the call, role in the project (e.g., principal investigator).

1.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Microfabrication of photonic structures for light amplification from using compounds of biological origin
	Sources of funding	Polish National Science Center
	Name of the call	Sonata
	Implementation period	2017-2021
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	principal investigator
	Project title	Light amplification in doped biologically derivated materials
	Sources of funding	Polish National Science Center
	Name of the call	Preludium
	Implementation period	2014-2016
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	project manager
	Project title	Development of image display technology in the form of a wide-angle Head-Up Display in a motorcycle helmet using the surface of the visor
	Sources of funding	NCBP
	Name of the call	Szybka ścieżka
	Implementation period	2021-2023

4. International experience

Brief description of international cooperation and experience (e.g., research stays, cooperation with foreign entities, coordination or participation in international projects or programmes, keynote speeches and presentations delivered at renowned international conferences, visiting professor stays, invited lectures).

No.	Description	Year(s)
1.	Postdoctoral fellow at Texas A&M University, Science Program, Doha, Qatar, Postdoctoral Research Associate, supervisor prof. Wieslaw Krolikowski	2017-2019
2.	CNRS Laboratoire de Chimie, ENS de Lyon Lyon, France, scientific internship, supervisor prof. Stephane Parola	2015
3.	Department of Chemistry, University of Umeå, Umeå, Sweden, scientific internship, supervisor prof. Gerhard Grobner	2012

5. Experience in teaching doctoral students

Brief description of experience in teaching doctoral students (e.g., courses in doctoral schools and PhD studies, summer/winter schools for doctoral students, tutorials, trainings, etc.).

No.	Description	Year(s)
1.	Advanced materials in biophotonics	2021
2.		
3.		

6. List of supervised doctoral students

List of all supervised doctoral students that defended the PhD including: name of the student, dissertation title, year of awarding PhD.

No.	Name, surname	Dissertation title	Year of awarding PhD
1.			
2.			
3.			

7. Prizes and awards

The most important national and international prizes and awards related to research, development and teaching activities.

No.	Description	Year
1.		
2.		
3.		

8. Other significant achievements

Information on other significant achievements related to research, development and teaching activities.