



Przemyslaw Data

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EDUCATION

Silesian University of Technology, Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Gliwice, Poland

- **D.Sc. in Chemistry**, 11.2017
Dissertation topic: *Electrochemistry as a tool in the analysis of active layers in optoelectronic devices.*
- **Ph.D. in Chemistry**, 01.2013 (diploma with honors)
Dissertation topic: *Electrochemical and spectroelectrochemical investigation of phenylenevinylene derivatives with furan, thiophene, selenophene and tellurophene substituents.*
- **M.Sc. Eng. in Chemistry**, 07.2008 (diploma with honors)
Dissertation topic: *Spectroscopic and electrochemical properties of polythiophenes with photochromic substituents.*

Silesian School of Technology, Katowice, Poland (High School)

- **Analytical Chemist**, 06.2003 (professional diploma)
Dissertation topic: *Monohydric alcohols - methodology for quantitative analysis in the food industry.* (Research conducted in Princely Brewery Tychy (Kompania Piwowarska) part of Asahi Breweries).

ACADEMIC AND RESEARCH CAREER

Since 01.2019	Professor Silesian University of Technology , Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Gliwice, Poland
10.2019 – 09.2021	Honorary Researcher University of Glasgow , College of Science and Engineering, Glasgow, United Kingdom
12.2017 – 12.2018	Associate Professor Silesian University of Technology , Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Gliwice, Poland
05.2017 – 12.2018	OLED Scientific Officer Durham University , Department of Physics, Durham, United Kingdom
05.2015 – 04.2017	Marie Curie Experienced Research Fellow Durham University , Department of Physics, Durham, United Kingdom
10.2014 – 11.2017	Assistant Professor Silesian University of Technology , Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Gliwice, Poland
10.2012-09.2014	Research Assistant Silesian University of Technology , Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Gliwice, Poland
09.2007 – 03.2021	Experienced Researcher Centre of Polymer and Carbon Materials , Polish Academy of Sciences, Laboratory of Polymer Materials for Nonlinear Optics and Optoelectronics, Zabrze, Poland

HONORS AND AWARDS

- 2021 Polish Intelligent Development Award – Merit for Intelligent Development.
- 2021 Polish Innovation Ambassador (EORG).
- 2021 Individual Award of the Rector of the Silesian University of Technology for scientific achievements.
- 2021 Individual Award of the Rector of the Silesian University of Technology for organizational achievements.
- 2021 Symbol Award for the Synergy of Science and Business.
- 2020 Polish Intelligent Development Award – Merit for Intelligent Development.
- 2020 Symbol Award for the Synergy of Science and Business.
- 2020 Individual Award of the Rector of the Silesian University of Technology for scientific achievements.
- 2020 Individual Award of the Rector of the Silesian University of Technology for organizational achievements.
- 2019 Polish Intelligent Development Award 2019
- 2019 SYMBOL Award 2019
- 2019 Individual Special Award of Rector of Silesian University of Technology for Organisation Achievements.
- 2019 Individual Award of Rector of Silesian University of Technology for Scientific Achievements.
- 2019 Silesian Science Award 2019
- 2018 Individual Special Award of Rector of Silesian University of Technology for Organisation Achievements.
- 2018 Individual Award of Rector of Silesian University of Technology for Scientific Achievements.
- 2018 Nomination to Golden Engineer 2018 – Technical Review.
- 2018 Member of Royal Society of Chemistry
- 2018 Nomination to the Top 10 European Talents MIT Technology Review’s Innovators Under 35.
- 2017 Winner of the Top 10 Polish Talents MIT Technology Review’s Innovators Under 35.
- 2017 Individual Special Award of Rector of Silesian University of Technology for Organisation Achievements.
- 2017 Group Award of Rector of Silesian University of Technology for Scientific Achievements.
- 2016 Winner of the Polish Ministry of Science and Higher Education Outstanding Young Scientists Scholarship.
- 2016 Individual Award of Rector of Silesian University of Technology for Scientific Achievements.
- 2015 Marie Skłodowska-Curie Actions Individual Fellowship owner TADFORCE “*Strengthening and survey beyond the knowledge of the TADF emitters as materials for superefficient OLED devices*”, Funded by European Commission under call H2020-MSCA-IF-2014
- 2015 Winner of the competition for grant proposal for Marie Skłodowska-Curie Actions Innovative Training Networks EXCILIGHT “*Donor-Acceptor light emitting exciplexes as materials for easily to tailor ultra-efficient OLED lighting*”, Funded by European Commission under call H2020-MSCA-ITN-2015
- 2014 Polish Prime Ministry Award for Outstanding Doctoral Dissertation
- 2014 J. Binkiewicz Award for Outstanding Doctoral Dissertation
- 2013 Individual Award of Rector of Silesian University of Technology for Scientific Achievements
- 2013 Mobility fellowship owner “*Exciplex based devices yielding very low turn on voltages and high efficiency exploiting E-type delayed emission*”, Funded by Polish Ministry of Science and Higher Education, project 932/1/MOB/12/2013/0
- 2013 Winner of the competition for scientific projects, project manager “*Physicochemical characterization of thin layers of organic conjugated compounds on different substrates*”, Funded by Polish Ministry of Science and Higher Education, project IP2012 039572’
- 2013 J. Binkiewicz Award for Scientific Achievements
- 2012 Winner of the competition for scientific projects, project manager “*Investigation of photo and electroactivity of polymeric derivatives of selenophenes and tellurophenes for optoelectronic application*”, Funded by Polish National Science Centre, project 2011/03/N/ST5/04362
- 2010 Winner of competition and scholarship holder of Innovative Young Researcher. “*The use of ink-jet printing technology and conductive polymers for creating a complex structures of OLED and photodiodes on flexible substrates*”

SCIENTIFIC TRAININGS AND FELLOWSHIPS

09.2019 – 10.2019 Universidade Federal de Santa Catarina (Brazil)

04.2019 – 05.2019	Osaka University (Japan)
02.2019 – 02.2019	National Taiwan University (Taiwan)
09.2018 – 10.2018	Universidade Federal de Santa Catarina (Brazil)
03.2018 – 05.2018	Eindhoven University of Technology (Netherlands)
10.2013 – 04.2015	Durham University (United Kingdom)
07.2013 – 09.2013	University of Sao Paulo at Sao Carlos (Brazil)
11.2012 – 12.2012	Kaunas University of Technology (Lithuania)
23 – 27.04.2012	Electrochemical Impedance Spectroscopy course, Sopot (Poland)
8 – 13.11.2009	7th European short course on "Principles and Applications of Time-Resolved Fluorescence Spectroscopy", Berlin (Germany)

PROJECTS

2021 – 2022	Government Research Investment Project no. 7201/IA/SP/2021, Polish Ministry of Science and Higher Education „Increasing the research capacity of the Silesian University of Technology in the field of Organic Electronics - Stage 2 “ Position: <u>Project coordinator</u>
2020 – 2025	Project no. H2020-WIDESPREAD-2018-2020-6/952008 ExCEED, Horizon 2020 European Commission „Creation and development of an ERA Chair and Centre of Excellence in Organic Electronics as a strategic point of development for science and innovation in the Silesian region and Poland“ Position: <u>Project coordinator</u>
2020 – 2025	Horizon Promotion Project no. 477919/PnH2/2020, Polish Ministry of Science and Higher Education Position: <u>Project coordinator</u>
2020 – 2021	Government Research Investment Project no. 7093/IA/SP/2020, Polish Ministry of Science and Higher Education „Increasing the research capacity of the Silesian University of Technology in the field of Organic Electronics - Stage 1 “ Position: <u>Project coordinator</u>
2019 – 2023	Project no. .2018/31/B/ST5/03085, Polish National Science Centre „New Guest-Host type materials for organic light emitting transistors “ Position: <u>Project coordinator</u>
2018 – 2023	Project FNP First Team no. 2017-4/32 „Novel, highly efficient TADF, RTP emitters for organic light emitting diodes“ Position: <u>Project coordinator</u>
2018 – 2021	Project no. 2017/25/B/ST5/02488, Polish National Science Centre „Low turn-on voltage exciplexes based optoelectronic devices. Novel application of E-type delayed fluorescence“ Position: <u>Project coordinator</u>
2018 – 2023	Horizon Promotion Project no. 385351/PnH/2018, Polish Ministry of Science and Higher Education Position: <u>Project coordinator</u>
2018 – 2023	International Cofunded Project no. W38/H2020/2018, Polish Ministry of Science and Higher Education Position: <u>Project coordinator</u>
2018 – 2023	Project no. H2020-MSCA-RISE-2017/778158 OCTA, Horizon 2020 European Commission „Organic Charge Transfer Applications“ Position: <u>Project coordinator</u>
2016 – 2019	Project no. H2020-TWINN-2015/ 691684 ORZEL, Horizon 2020 European Commission „Boosting the scientific excellence and innovation capacity in organic electronics of the Silesian University of Technology“ Position: <u>Project coordinator</u>
2016 – 2019	Horizon Promotion Project no. 328672/PnH/2016, Polish Ministry of Science and Higher Education Position: <u>Project coordinator</u>
2015 – 2019	Project no. H2020-MSCA-ITN-2015/674990 EXCILIGHT, Horizon 2020 European Commission

- „Donor-Acceptor light emitting exciplexes as materials for easily to tailor ultra-efficient OLED lighting“
Position: Project coordinator
- 2015 – 2019** Horizon Promotion Project no. 328673/PnH/2016, Polish Ministry of Science and Higher Education
Position: Project coordinator
- 2015 – 2017** Project no. H2020-MSCA-IF-2014/659288 TADFORCE, Horizon 2020 European Commission
„Strengthening and survey beyond the knowledge of the TADF emitters as materials for superefficient OLED devices“
Position: Project coordinator
- 2013 – 2015** Project no. IP2012 039572, Polish Ministry of Science and Higher Education
„Physicochemical investigation of thin organic layers of conjugated compounds on different substrates“
Position: Project coordinator
- 2013 – 2015** Project no. 932/1/MOB/12/2013/0, Polish Ministry of Science and Higher Education
„Exciplex based devices yielding very low turn on voltages and high efficiency exploiting E-type delayed emission“
Position: Project coordinator
- 2013 – 2016** Project no. 2012/05/B/ST5/00745, Polish National Science Centre
“Complex electrochemical and spectroelectrochemical characteristic of star-shaped carbazole derivatives and its electropolymers as materials of perspective application in molecular electronics”
Position: Main Researcher
- 2012 – 2014** Project no. 2011/03/N/ST5/04362, Polish National Science Centre
“Investigation of photo and electroactivity of polymeric derivatives of selenophenes and tellurophenes for optoelectronic application”
Position: Project coordinator
- 2012 – 2015** Project no. 2011/03/B/ST5/02721, Polish National Science Centre
“Kesterite-like semiconductors - novel photovoltaic materials”
Position: Main Researcher
- 2012 – 2015** Project no. 2011/03/B/ST5/01475, Polish National Science Centre
“New metallopolymer derivatives for molecular electronics as active materials”
Position: Main Researcher
- 2011 – 2013** Polish-Lithuanian Joint Research Project, Polish Academy of Sciences
„Synthesis and electrochemical studies of organic electroactive materials”
Position: Main Researcher
- 2011 – 2015** Project BIOMOLEC, 7th Framework Programme European Commission
“Functionalized biopolymers for application in molecular electronics and in photonics”
Position: Researcher
- 2009 – 2012** Project no. N N507 326936, Polish Ministry of Science and Higher Education
“Complex characteristic of spectroelectrochemical properties of new polymeric materials based on conjugated heterocyclic systems for molecular optoelectronics”
Position: Main Researcher
- 2008 – 2012** Project no. N N205 106935, Polish Ministry of Science and Higher Education
“New organic polymeric materials for optoelectronic and photovoltaic cells containing furan, thiophene, selenophene or tellurophene rings”
Position: Main Researcher

SUPERVISION AND CO-SUPERVISION OF MASTER AND PHD STUDENTS

- 2009 – 2021** 16 Master Students
Faculty of Chemistry/ Department of Physical Chemistry and Technology of Polymer/ Silesian University of Technology/ Poland
- 2013 – 2021** 13 PhD Students
Faculty of Chemistry/ Department of Physical Chemistry and Technology of Polymer/ Silesian University of Technology/ Poland
1 PhD Student
Department of Physics/ Durham University/ United Kingdom

MAJOR ACADEMIC COLLABORATIONS

- prof. Andrew Monkman, photophysics of conjugated compounds, Department of Physics, Durham University, United Kingdom
- prof. Youhei Takeda, synthesis of TADF emitters, Department of Applied Chemistry, Osaka University, Japan
- prof. Gordon Wallace, synthesis of conjugated polymers for optoelectronics, Intelligent Polymer Research Institute, University of Wollongong, Australia
- prof. Peter Skabara, synthesis of ambipolar compounds, College of Science and Engineering, University of Glasgow, United Kingdom
- prof. Pierre Audebert, synthesis of triazine and tetrazine derivatives, Department of Chemistry, Ecole Normale Supérieure de Cachan, France

MEMBERSHIPS

- Member of the Advisory Board „Materials Advances” Royal Society of Chemistry (since 2020)
- Member of the Advisory Board „Journal of Materials Chemistry C” Royal Society of Chemistry (since 2019)
- Member of the Royal Society of Chemistry (since 2018)
- Guest Editor of the Display and Imaging (2017)
- Member of the International Society of Electrochemistry (since 2014)

OTHER

- 86 publications from ISI Master Journal List with total 3146 citations (Google Scholar) and 460.42 total Impact Factor
- H-index 27 (Google Scholar), 26 (Scopus)
- 55 presentations at international conferences (10 invited speaker)