

WORK EXPERIENCE

10/2019 -	Masaryk University, Research & Development Office, Rector's office Project manager
Main activities and responsibilities:	Support for researchers across the university in preparation of applied research project proposals within national funding schemes
02/2019 -	Brno University of Technology, Faculty of Business and Management, Brno Researcher
Main activities and responsibilities:	Research and publication activities in the field of the Key Enabling Technologies in relation to the corporate sustainability, company performance and sustainable development in general.
09/2018 – 08/2019	GINA Software s.r.o., Brno Grant Manager
Main activities and responsibilities:	Searching for funding opportunities; preparation and implementation of granted projects – MIT TRIO, MI Safety Research, H2020 - ICT.
09/2018 – 06/2019	Masaryk University, Faculty of Science, CEPLANT, Brno Project Manager
Main activities and responsibilities:	Funding and project management consultancy.
01/2011 – 08/2018	Masaryk University, Faculty of Science, CEPLANT, Brno Project Manager and Coordinator
Main activities and responsibilities:	Management of R&D projects through all phases, team coordination, resolving administrative tasks; public procurement realisation (research infrastructure worth of 150 Mio CZK); preparation of R&D project proposals (e.g. OP RDE, OP EIC, Horizon 2020, TACR, Czech Science Foundation, MIT TRIO); education and seminars related to project management and funding; coordination of small administrative team.
09 – 10/2016	Leibniz-Institut für Plasmaforschung und Technologie e.V., Management Support Office, Greifswald, Germany fellow – ERA Fellowship Programme
Main activities and responsibilities:	experience and knowledge exchange in the fields of a research management and management of research institutions and grant support office; preparation of the joint project proposal for programme Horizon 2020 – Twinning

EDUCATION

07/2015 – 11/2019 Brno University of Technology, Faculty of Business and Management
doctoral degree programme, Corporate Management and Economics
08/2012 - 07/2014 Master's degree programme, Company Management and Economics

Study activities: Topic of the master thesis „*The evaluation model of the benefit of modern technologies in relation to corporate sustainability*“, implementation of two student projects - each in amount of CZK200,000, **awarded Ph.D. degree**

07/2011 - 02/2014 Masaryk University, Faculty of Science, Brno
doctoral degree programme, Plasma Physics (*dropped*)
07/2009 - 06/2011 Master's degree programme, Plasma Physics
06/2006 - 06/2009 Bachelor's degree programme, Physics (Hons)

Study activities: Topic of the master thesis „*Adhesion improvement of polypropylene fibres reinforcing concrete using low-temperature plasma*“ within the project TA01010948, publication and lecturing activities, international conference attendance, student project worth of 100 thousand CZK, **awarded Mgr. degree**

ACHIEVEMENTS

06/2015-06/2020 Project management certification IPMA
level C – Certified Project Manager (No. 1908C15)
07/2020 - recertification level C – in preparation

Gained knowledge: verification of theoretical and practical knowledge in project management

02/2014 - 09/2014 Masaryk University, Brno, lifelong learning
Organization, Management and Project Management of Research and Development

Gained knowledge: overview of R&D funding schemes and funds of Czech Republic and EU

PROJECTS (SELECTION)

CEPLANT - R&D centre for plasma and nanotechnology surface modifications, Reg. No. LM2018097

Financing: Large Research Infrastructures - MEYS a OP RDE, budget 111 Mio CZK
Project duration: 1/1/2019 – 31/12/2022
Role: Project Manager (initiation)

CEZANNE - Commercially viable and environmentally friendly PECVD in-line coating process for speciality papers, Reg. No. E110193

Financing: EUROSTARS 2 (MEYS), budget 364 thousand EUR (total 3,5 Mio EUR)
Project duration: 1/4/2016 – 31/3/2018
Role: Project Manager (initiation, planning and implementation)

Glareal Coat - Glass modification by areal plasma for paintings or coatings, Reg. No. CZ.01.1.02/0.0/0.0/16_053/0007132

Financing: IraSME (Operational Programme Enterprise and Innovations for Competitiveness), budget 69 thousand EUR (total 634 thousand EUR)
Project duration: 1/10/2016 – 30/9/2019
Role: Project Manager (initiation, planning and implementation)

CEPLANT plus - Development of Centre for low-cost plasma and nanotechnology surface modification, Reg. No. LO1411

Financing: National Sustainability Program I, budget 122 Mio CZK
Project duration: 1/1/2015 – 31/12/2019
Role: Project Manager (initiation, planning and implementation)

CEPLANT - R&D centre for low-cost plasma and nanotechnology surface modifications, Reg. No. CZ.1.05/2.1.00/03.0086

Financing: Operational Programme Research and Development for Innovation, budget 214 Mio CZK
Project duration: 1/12/2010 – 31/12/2014
Role: Project Manager (implementation and closing)

ADDITIONAL SKILLS

Languages

English B2
German A1

Programmes

Advanced knowledge of MS Office
knowledge of informational systems Benefit, MS2014+, GRIS, IS VaVal MPO, ISTA, Participant Portal Horizon 2020
IBM SPSS Statistics, SPSS Amos, Statistics

Driving licence (B - car)

PUBLICATIONS AND OTHER RESULTS (SELECTION)

Dušková, M.; Součková, M. *Company and state performance in Key Enabling Technologies - case study of nanotechnology industry*. International Journal of Innovation and Technology Management, 2020, vol. 17, no. 1, p. 1-20. ISSN: 1793-6950.

Dušková, M.; Kocmanová, A. *Evaluation of modern technologies so-called key enabling technologies in relation to corporate sustainability*. In INNOVATION MANAGEMENT, ENTREPRENEURSHIP AND SUSTAINABILITY 2018. Proceedings of the 6th International Conference. Praha: Nakladatelství Oeconomica, 2018. p. 225-239. ISBN: 978-80-245-2274-6.

Dušková M. *Key Enabling Technologies in Relation to Sustainable Development*. Innovation Management and Education Excellence Vision 2020: From Regional Development Sustainability to Global Economic Growth. Itálie, 2016, p. 2711 – 6532, ISBN 978-0-9860419-6-9

Fialová M., Skácelová D., Sťahel P., Černák M. *Improvement of surface properties of reinforcing polypropylene fibres by atmospheric pressure plasma treatment*. Chemické listy, Praha: Česká společnost chemická, 2012, roč. 106, S, p. 1439-1442. ISSN 0009-2770

Fialová M., Morávek T., Kopkáně D., Ráhel J., Sťahel P., Černák M. *Polypropylene fibers modified by atmospheric pressure plasma as reinforcement for concrete*. Conference proceedings NANOCON 2012. Brno: TANGER spol s.r.o., 2012. p. 174-178, ISBN 978-80-87294-32-1

Fialová M., Sťahel P. *Technika pro určení sorpčních vlastností polypropylenových vláken přidávaných do betonu metodou váhových přírůstků*. 2012. Prototype (result G). Masaryk University
Černák M., Sťahel P., **Fialová M.,** Morávek T. *Laboratorní zařízení pro in-line plazmovou úpravu polypropylenových vláken přidávaných do betonu*. 2012. Prototype (result G). Masaryk University