

Anna Cichon-Pupienis

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2016 – 2021 PhD student at VU Faculty of Chemistry and Geosciences, Institute of Geosciences
Thesis: “*Reconstruction of depositional environments in time, organic matter enrichment and thermal maturity of the lower Palaeozoic mudstones in the Lithuanian part of the Baltic Basin*”, supervisor – dr. J. Lazauskienė
Research interests: organic matter, thermal maturity, reconstruction of depositional paleoenvironments

1999 – 2004 Master of Science – Engineer, AGH University of Science and Technology in Cracow, Faculty of Geology, Geophysics and Environmental Protection
Thesis: “*Kompleksowa interpretacja profilowań geofizyki otworowej z wykorzystaniem aplikacji Interlog systemu GeoWin w utworach miocenu przedgórze Karpat w otworach Dzików-18 i Dzików-20*”
Research interests: petroleum geology, well logs interpretation, reservoir rock properties, reservoir characterisation

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PROFESSIONAL EXPERIENCE

2022 07 – until now **Researcher**
Nature Research Centre, Vilnius

2020 09 – until now **Junior Researcher / Researcher**
VU Faculty of Chemistry and Geosciences, Institute of Geosciences

2016 10 – 2021 09 **PhD student**
VU Faculty of Chemistry and Geosciences, Institute of Geosciences

2017 01 – 2020 06 **Geologist**
UAB Minijos Nafta

2012 03 – 2016 12 **Geologist / Petrophysicist**
AB LOTOS Geonafta

2006 11– 2012 02 **Geologist / Petrophysicist**
Lithuanian Geological Survey

2004 12– 2006 02 **Petrophysicist / Well logs analyst**
Geofizyka Kraków Sp. z o.o.

RESEARCH INTERESTS

Petroleum geology, reservoir rock properties, organic matter, thermal maturity, sedimentary facies, organic facies, reconstructions of depositional environment / conditions during the early Palaeozoic based on geochemical / sedimentological indicators, paleoclimate.

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):

1. Radzevičius, S., Stankevič, R., Budginas, R., **Cichon-Pupienis, A.**, Venckutė-Aleksienė, A., Meidla, T., Ainsaar, T., Spiridonov, A. 2022. Integrated stratigraphy of the Ludlow (Silurian) of the Baubliai-2 core (western Lithuania) and the record of $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ climatically driven co-variability. Newsletters on Stratigraphy. DOI: 10.1127/nos/2022/0712
2. **Cichon-Pupienis, A.**, Littke, R., Lazauskienė, J., Baniasad, A., Pupienis, D., Radzevičius, S., Šiliauskas, L. 2021. Geochemical and sedimentary facies study – Implication for driving mechanisms of organic matter enrichment in the lower Silurian fine-grained mudstones in the Baltic Basin (W Lithuania). International Journal of Coal Geology DOI:10.1016/j.coal.2021.103815
3. **Cichon-Pupienis, A.**, Littke, R., Froidl, F., Lazauskienė, J., 2020. Depositional history, source rock quality and thermal maturity of Upper Ordovician-Lower Silurian organic-rich sedimentary rocks in the central part of the Baltic Basin (Lithuania). Marine and Petroleum Geology, 112, 104083. DOI: 10.1016/j.marpetgeo.2019.104083
4. Pupienis, D., Buynevich, I., Ryabchuk, D., Jarmalavičius, D., Žilinskas, G., Fedorovič, J., Kovaleva O., Sergeev A., **Cichoń-Pupienis, A.** 2017. Spatial patterns in heavy-mineral concentrations along the Curonian Spit coast, southeastern Baltic Sea. Estuarine, Coastal and Shelf Science, 195, 41-50. DOI: 10.1016/j.ecss.2016.08.008

Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):

1. **Cichon-Pupienis, A.** Littke, R., Froidl, F., Lazauskienė, J., 2021. Petroleum generation potential of the Lower Palaeozoic organic-matter rich shales in the central part of the Baltic Sedimentary Basin. In Advances in Geophysics, Tectonics and Petroleum Geosciences. Proceedings of the 2nd Springer Conference of the Arabian Journal of Geosciences (CAJG-2), Tunisia 2019

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2022 – until now	Researcher „Geothermal potential of Silurian carbonates in Lithuania: the use of proven oil reservoirs and abandoned wells for geothermal purposes”. Project financed by Research Council of Lithuania P-MIP-22-259
2020 – 2022	Junior researcher „Ecosystem construction and collapse in the Silurian – survival of biodiversity in the extreme climate”. Project financed by Research Council of Lithuania P-MIP-19-286
2016	Junior researcher „Morphological and lithological anomalies on the Curonian Spit coast, Lithuania”. Project financed by Research Council of Lithuania No. MIP-039/2014

INTERNSHIP AND TRAINING

2021 01 / 02	Provenance analysis: how to integrate single grain and bulk techniques at University of Milano-Bicocca (Italy). Online course
2020 10 / 12	Applied Biostratigraphy Course. Ingeoexpert. Madrid (Spain). Online course
2019 09 / 10	International Course on Organofacies Analysis at the GeoZentrum Nordbayern, University of Erlangen (Germany)
2018 11 – 2019 01	The Institute of Geology and Geochemistry of Petroleum and Coal of RWTH University, Aachen (Germany); DAAD scholarship
2017 10	EAGE Workshop on Evaluating and Drilling of Carbonate Reservoirs, Potsdam (Germany)
2017 08	The Institute of Geology and Geochemistry of Petroleum and Coal of RWTH University, Aachen (Germany)
2014 08	Integration of Rocks, Log and Test data. Petroskills course

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Želvys, T., Spiridonov, A., **Cichon-Pupienis, A.**, Garbaras, A., Radzevicius, S. 2022. Preliminary report on $\delta^{13}\text{C}_{\text{carb}}$ isotope excursion through the Silurian of Kurtuvėnai-161 borehole, Northwest Lithuania (No. EGU22-2950). Copernicus Meetings
2. **Cichon-Pupienis, A.**, Littke, R., Lazauskienė, J., Baniasad, A., Pupienis, D., Radzevičius, S., Šiliauskas, L. 2021. Environmental Mechanisms Governing Formation of the Lower Silurian Organic Matter-Rich Mudstones in Baltic Basin (Lithuania) IMOG 2021, Sep 2021, Vol. 2021, p. 1 – 2
3. **Cichon-Pupienis, A.** Littke, R., Froidl, F., Lazauskienė, J., 2021. Petroleum generation potential of the Lower Palaeozoic organic-matter rich shales in the central part of the Baltic Sedimentary Basin. In Advances in Geophysics, Tectonics and Petroleum Geosciences. Proceedings of the 2nd Springer Conference of the Arabian Journal of Geosciences (CAJG-2), Tunisia 2019
4. **Cichon-Pupienis A.**, 2017. The Salantai Formation (Lower Ordovician, Pakerort Regional Stage) in the eastern part of the Baltic sedimentary basin (Lithuania) – a unit with increasing petroleum potential. 10th Baltic Stratigraphic Conference, 2017, August 12-14, Chęciny, Poland. pp. 26-27
5. Pupienis D., Buynevich I., Dobrotin N., Jarmalavičius D., Žilinskas G., Jukna L., **Cichon - Pupienis A.** 2016. Assessment of long-term dynamics of the Curonian Spit foredune in response to hydrometeorological regime change. 1st Baltic Earth Conference Multiple drivers for Earth system changes in the Baltic Sea region Nida, Curonian Spit, Lithuania 13 - 17 June 2016. International Baltic Earth Secretariat Publication No. 9, June 2016. 128-130
6. Pupienis D., Buynevich I., Jarmalavičius D., Fedorovič J., Žilinskas G., Ryabchuk D., Kovaleva O., Sergeev A., **Cichon-Pupienis A.** 2016. Density-lag anomaly patterns in backshore sands along a paraglacial barrier spit. Geophysical Research Abstracts Vol. 18, EGU2016-4242-1, 2016 EGU General Assembly 2016

National scientific conferences:

1. **Cichon-Pupienis, A.**, Lazauskienė, J. 2019. Reconstruction of sedimentary environment during the Aeronian in the central part of the Baltic Basin. 5th Annual Conference of PhD

OTHERS

1. **Cichon-Pupienis, A.** 2019. Įspūdžiai iš stažuotės Achene – Karolio Didžiojo ir studentų mieste. Geologijos akiračiai, 3-4, 33–34
2. Radzevičius S., Palaitis Ž., **Cichoń-Pupienis A.**, Bitinas J. 2017. 10-osios Baltijos stratigrafų konferencijos atgarsiai iš Švento kryžiaus kalnų (Lenkija). Geologijos akiračiai, 4: 48 – 49