

TUESDAY 22 nd May		
8.00–13.30	Registration (Institute of Nature Conservation, Polish Academy of Sciences, Mickiewicza 33 av.)	
11.00–11.15	Opening ceremony	
Plenary Session Chairman: Waldemar Surosz		
11.15–12.15	Day J.	Building the algal biotechnology sector
12.15–12.45	Coffee break	
12.45–13.30	Messyasz B.	Characteristics and the importance of freshwater macroalgal biomass as a source of bioactive compounds
13.30–13.40	Kraków experience	
13.40–14.00	Stroll through the old town	
14.00–16.00	Lunch in the restaurant “Morskie Oko”, Plac Szczepański 8	
16.00–18.00	Sightseeing: Collegium Maius, Main Market Square	
18.30	Departure to the Conference venue Dobczyce, Jałowcowa Góra	
19.30	Dinner	
WEDNESDAY 23 rd May		
8.00–9.00	Breakfast	
Session 1 <i>Practical use of algae</i> Chairman: Beata Messyasz		
9.00–9.30	Koreiviené J. et al.	Prospecting of indigenous freshwater microalgae as a valuable regional resource
9.30–10.00	Dempster T.	Commercial and Environmental Applications of Microalgae: Research Activities at Arizona State University’s Arizona Center for Algae Technology and Innovation (AzCATI)
10.00–10.20	Cegłowska M. et al.	<i>Pseudanabaena galeata</i> – a source of novel anticancer metabolites
10.20–10.40	Shubert E. & Strekopytov S.	A fresh analysis of the heavy metals in <i>Spirulina</i>
10.40–11.00	Graczyk-Raczyńska M.	Algae as food: nutritional, functional or simply tasty?
11.00–11.20	Wołowski K. et al.	Can we use algal communities cultivated on wood chips in road soil protection against high salinity?
11.20–11.40	Sutryk K. et al.	FOCUS. The biotechnological potential of marine natural resources – innovative e-learning courses
11.40–12.10	Coffee break	
Session 2 <i>Molecular studies</i> Chairman: Elliot Shubert		
12.10–12.40	Piwosz K.	Getting insight into the invisible: Application of molecular methods to study ecology of pico- and nanophytoplankton

12.40–13.00	Kowalczyk G. & Kiersztyn B.	16S rDNA metagenomics as a method to investigate relationships between taxonomic composition of cyanobacteria and water quality
13.00–13.20	Palińska K. & Golubic S.	Marine Microbial Endoliths: Morphological vs. Molecular Diversity
13.20–13.40	Łach Ł. <i>et al.</i>	Testing 16S rDNA amplicon primers for environmental Cyanobacteria diversity studies
13.40–14.00	Nowicka-Krawczyk P <i>et al.</i>	<i>Limnospira</i> gen. nov. (Cyanobacteria) - a next chapter in superfood`s history
14.00–14.20	Sandzewicz M. <i>et al.</i>	Screening microbial mats from the Eastern Pamir region for the presence of cyanotoxin coding genes
14.20–16.00	Lunch	
Session 3 Biodiversity Chairman: Wojciech Pęczuła		
16.00–16.20	Wołowski K. <i>et al.</i>	Differences and similarities of algal communities occurring in bromeliad tanks living in natural and semi-natural environments
16.20–16.40	Khomutovska N. <i>et al.</i>	Biomining by cyanobacteria in endolithic habitats from Eastern Pamir
16.40–17.00	Kašovský J. <i>et al.</i>	Former military area Brdy (Czech Republic) as a refugium of pristine freshwater within an agriculture landscape
17.00 – 17.20	Solak C. <i>et al.</i>	The diatoms of high altitude lakes in the Black Sea Region, Turkey
17.20–17.50	Grodowski J.	Cavity Ring-Down Spectroscopy (CRDS) (sponsor presentation)
17.50–18.30	Coffee break	
18.30–19.30	Poster session	
20.00	Bonfire	
THURSDAY 24th May		
8.00–9.00	Breakfast	
Session 4 Ecology Chairman: Judita Koreivienė		
9.00–9.30	Calado A.	Feeding mechanisms, cell fine structure and dinoflagellate phylogeny
9.30–9.50	Kretschmann J., <u>Owsianny P.</u> <i>et al.</i>	The hot spot in a cold environment: Puzzling <i>Parvodinium</i> (Peridiniopsidaceae, Peridinales) from the Polish Tatra Mountains
9.50–10.10	Konkel R. <i>et al.</i>	How long is the history of toxic phytoplankton blooms in Norwegian Fjords?
10.10–10.30	Uher B.	The big challenge: an algal assessment of the ecological status of Austrian rivers
10.30–10.50	Bai X. & Chen X.	Stomatocyst communities along environmental gradients in three montane peatlands in Central

		China
10.50–11.10	Jasser I. <i>et al.</i>	Cyanobacterial diversity in microbial mats of the wetlands in the cold desert of the Eastern Pamir Mountains
11.10–11.30	Juráň J. & Kaštovský J.	Do we need a Red List of microalgae? A way to compile the Red List of microscopic algae of the Czech Republic: the Euglenophyta model
11.30–12.00	Coffee break	
Session 5 <i>Cyanobacteria and other algae</i> Chairman: Mikołaj Kokociński		
12.00–12.20	Bácsi I. <i>et al.</i>	Non-steroidal anti-inflammatory drugs can affect the algal resting stage of <i>Haematococcus pluvialis</i> : a case study
12.20–12.40	Pawlik-Skowrońska B. <i>et al.</i>	Survival of harmful cyanobacteria in the Bystrzyca river outflowing from a dam reservoir in Lublin City (E. Poland)
12.40–13.00	Kokociński M. & Brygidier A.	Why the biomass of <i>Cylindrospermopsis raciborskii</i> decreased significantly in the lake's phytoplankton in 2017?
13.00–13.20	Dembowska E.	Impacts of hydrological conditions on the phytoplankton in the oxbow lakes in the Lower Vistula Valley
13.20–13.40	Wilk-Woźniak E. <i>et al.</i>	Cyanotoxins and their producers in the lakes of Central and Eastern Europe
13.40–14.10	Piwosz K.	Presentation of International Society for Microbial Ecology (sponsor presentation)
14.10–15.30	Lunch	
15.30–16.30	Poster session	
16.30–18.30	Trip to Dobczyce Castel	
18.30–19.30	General meeting of the members of the PPS	
20.30	Banquet	
FRIDAY 25th May		
7.30- 9.00	Breakfast	
	Departure	