**ALGATECH Scientific Seminars**

**for the period from October 2020 to January 2021**

**(Wednesday 13 p.m., seminar room on the 3rd floor)**

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| Month | Day | Speaker - Group | Title |
| October 2020 | 7 | **Prof. Ondřej Prášil**Laboratory of Photosynthesis  | **How modelling can stimulate our understanding of ecophysiology of diazotrophic cyanobacteria.** |  |
| 14 | **Dr. Kasia Piwosz**Laboratory of Anoxygenic Phototrophs | **Role of aerobic anoxygenic photoheterotrophic bacteria in a freshwater carbon cycle.** |
| 21 | **Elizabeth V. Figueroa**Laboratory of Algal Biotechnology | **Optimization of myxoxanthophyll production in *Synechocystis salina*.** |
| November 2020 | 4 | **Dr. Vendula Krynická**Laboratory of Photosynthesis  | **Nutrient starvation in cyanobacteria: Proteases help to survive.** |
| 11 | **Dr. Irena Brányiková**Institute of Chemical Process Fundamentals of the CAS | **Pre-concentration of *Chlorella vulgaris* by electrocoagulation.** |
| 18 | **Myriam Canonico**Laboratory of Photosynthesis  | **How *Synechocystis* PCC 6803 copes with acute high light stress.** |
| 25 | **Dr. Richard Lhotský**Laboratory of Algal Biotechnology | **Technology transfer in Algatech.** |
| December 2020 | 2 | **Izabela Mujakic**Laboratory of Anoxygenic Phototrophs | **Metagenomes reveal the common presence of phototrophic Gemmatimonadota in freshwater lakes.** |
| 9  | **Minna Koskela**Laboratory of Photosynthesis  | **Quenching of CP47 antenna by HLIPs during PSII assembly.** |
| 16 | **Joao Manuel Camara**Laboratory of Algal Biotechnology | **Identification of quorum sensing molecules from *Monoraphidium*-bacteria consortium and methods for its axenization.** |
| January 2021 | 13 | **Banerjee Avik** (Kotabová Eva)Laboratory of Photosynthesis  | will be provided later |
| 20  | **Tomáš Galica**Laboratory of Algal Biotechnology | **Cyanochelins, lipopeptides employing double β-hydroxyaspartate motif for iron chelation, are widely distributed in cyanobacteria.** |
|  | 27 | **Veronika Kselíková**Laboratory of Cell Cycles of Algae | **Cell cycle of *Chlamydomonas reinhardtii* grown in D2O.** |