

10:00 – 10:20 Ventura S., Sili C., Mascalchi C., Mugnai M.A. & Turicchia S.: Insights on the phylogeny and taxonomy of cultivated cyanobacteria obtained from the integrated study of natural populations.

10:20 – 10:50 *Coffee break*

10:50 – 11:10 Janssen P.J., Morin N., Monsieurs P., Mergeay M., Leroy B., Wattiez R., Vallaeys T., Waleron K., Waleron M., Wilmotte A., Quillardet P., Tandeau de Marsac N., Talla E., Zhang C.-C., Médigue C., Barbe V. & Leys N.: Genome Sequence of the edible Cyanobacterium *Arthrospira* sp. PCC 8005.

11:10 – 11:30 Palińska K., Lugli S., Manzi V., Roveri M., Schreiber B.C. & Panieri G.: Recovery of cyanobacterial 16S ribosomal RNA gene fragments from gypsum crystals dating back to 5.910-5.816 million years ago.

11:30 – 11:50 Temraleeva A.D. & Pinsky D.L.: Use of Algae/Cyanobacterial Communities in Assessment of Lead Contamination of Grey Forest Soil.

12:00 – 14:00 *Lunch*

14:00 – 14:20 Abed R.M.M., Kohls K. & Golubić S.: New insights into cyanobacterial tactic movements: halotaxis and hydrotaxis.

14:20 – 14:40 Adhikary S.P.: Improved method of Cyanobacteria biofertilizer production, quality control and popularization for entrepreneurship development.

14:40 – 15:00 Chacón E., Negrón-Mendoza A., Camargo C., Espinosa-Matías S., Alva-Niño E. & Montejano G.: Modeling preservation in modern microbial mats.

15:00 – 15:20 Perona E., Sánchez-Díaz E., Cartajena M.G., Beltrán Y.P., Loza V., Berrendero E., Marco E., Montejano G., Fernández-Valiente E., Carmona J. & Mateo P.: Phosphatase activities of Cyanobacterial populations in different rivers

15:20 – 15:40 Turner S.: Developments in electronic databases relevant to the Cyanobacteria.

9:00 – 9:40 Bláha L.: Cyanobacterial toxins - genetics, ecology, taxonomy.

9:40 – 10:00 Sitoki L., Kurmayer R. & Rott E.: Spatio-temporal variability of Cyanobacterial dominance and occurrence of Microcystins in Nyanza Gulf of Lake Victoria and the potential public health risk.

10:00 – 10:20 Mussagy A.: *Microcystis ichthyoblabe* bloom and the occurrence of Microcystins and LPS in Corumana Reservoir, Mozambique.

10:20 – 10:50 *Coffee break*

10:50 – 11:10 McGregor G.B. & Sendall B.C.: Phylogeny and toxicology of *Lyngbya wollei* (Cyanobacteria/Oscillatoriales) from north-eastern Australia.

11:10 – 11:30 Fabbro L., Bernard C., Campbell R. & Monis P.: *Limnothrix* and *Sphaerospermopsis* from Central Queensland, Australia.

11:30 – 11:50 Molitor C., Psenner R., Cauchie H.-M. & Hoffmann L.: Polyphasic characterization of planktic *Anabaena* morphospecies using multilocus sequence analyse.

12:00 – 14:00 *Lunch*

14:00 – 14:20 Aguiar R., Fiore M.F., Rocha R.P., Correa D.M., Shishido T.K. & Borgis D.V.: First report of *Nodularia* from Brazilian freshwater environment.

14:20 – 14:40 Hindák F.: Diversity of Cyanobacteria/Cyanophytes from two Slovak thermal spas: Piešťany and Sklené Teplice.

14:40 – 15:00 Ferrari G., Pérez M.C., Míguez D., Cea J. & Saizar C.: Planktic Cyanobacteria in the lower Uruguay River (Uruguay- South America).

15:00 – 15:20 Hašler P., Dvořák P., Pouličková A.: Epipellic cyanobacteria: study on populations from the Central and Western Europe.

15:20 – 15:40 Lara Y., Lambion A., Menzel D., Codd G. & Wilmotte A.: Genetic and biochemical characterisations of environmental 'single colonies' of *Microcystis* and *Woronichinia*.

9:00 – 9:20 Namsaraev Z., Mano M.J., Fernandez R. & Wilmotte A.: Biogeography of terrestrial cyanobacteria from Antarctic ice-free areas.

9:20 – 9:40 Shalygin S.: Terrestrial Cyanoprokaryotes on rocks of the Monche-tundra mountains (Lapland Biosphere Reserve, Murmansk region, Russia).

9:40 – 10:10 Zammit G., Kaštovský J. & Albertano P.: Cyanobacterial biofilms from Maltese hypogea.

10:10 – 10:30 Uher B., Kintrová K., Chytrý M., Lososová Z. & Otýpková Z.: Macroecological and environmental patterns of urban algal biodiversity in Central Europe.

10:30 – 11:00 *Coffee break*

11:00 – 11:20 Aguilar R., Franco M.W., Fiore F.M., Ventrella M. & Silva-Stenico M.E.: The epiphytic Cyanobacteria *Brasilonema octagenarum* and its colonization effects on Eucalyptus' plants.

11:20 – 11:40 Williams W. & Büdel B.: Terrestrial cyanobacteria from a range of extreme habitats across Australia.

11:40 – 12:00 Vaccarino M.A. & Johansen J.R.: The phylogenetic placement of the enigmatic genus *Scytonematopsis*.

12:00 – 14:00 *Lunch*

14:00 – 14:20 Johansen J.R., Perkerson R., Casamatta D., Kováčik L. & Brand J.: A unique Pseudanabaenalean (Cyanobacteria) genus *Nodosilinea gen. nov.* based on morphological and molecular data.

14:20 – 14:40 Montejano G., Rodarte B., León-Tejera H., Osorio K., Alba-Lois L., Becerra I. & Segal C.: Diversity of species of Scytonemataceae (Nostocales, Cyanoprokaryota) from different biotopes in Central Mexico.

14:40 – 15:00 Aboal M., Werner O. & Cristóbal J.C.: Distribution, ecology and taxonomic identity of *Nostoc flagelliforme* Berkeley et Curtis ex Bornet et Flahault 1888.

15:00 – 15:20 Hrouzek P., Mugnai M.A., Lukešová A., Mascacchi C., Turicchia S., Komárek J. & Ventura S.: The genus *Nostoc*: a polyphyletic assemblage of filamentous cyanobacteria with primitive morphological characters.

15:20 - 15:40 Špakaitė I., Kostkevičienė J., Hrouzek P., Mascacchi C., Sili C. & Ventura S.: Diversity of freshwater and terrestrial populations of *Nostoc* spp. in Lithuania.

15:20 – 15:50 *Coffee break*

15:50 – 17:30 Poster session II

19:00 – *Farewell party (in the town)*

Friday 20th August

9:00 -9:20 Fiore M.F., Honda R.Y, Schrago C.G., Lorenzi A.S., Shishido T.K. & Rigonato J.: Morphological and phylogenetic studies of planktic “*Anabaena*” isolates from Brazil.

9:20 – 9:40 Zapoměllová E., Hrouzek P., Jezberová J., Řezanka T., Řeháková K., Komárková J., Hisem D., Soldati E. & Ventura S.: Polyphasic evaluation of planktonic *Anabaena*-like and *Aphanizomenon*-like cyanobacteria from the Czech Republic.

9:40 – 10:00 Rigonato J.: Cyanobacteria inhabiting pristine and oil contaminated Brazilian mangrove soil.

10:00 – 10:20 Discussion on next IAC symposium

10:20 – 10:50 *Coffee break*

10:50 – 11:10 Cantonati M., Rott E., Spitale D., Bertuzzi E., Angeli N. & Komárek J.: Cyanoprokaryotes and algae forming macroscopic structures in springs of the Alps, and their contribution to the re-definition of spring types.

11:10 – 11:30 Patova E.N.: Cyanobacteria in glacial lakes of Subpolar Ural Mountains.

11:30 – 11:50 Ramezanzpour Z., Imanpour J., Mehdinezhad K.: Bloom of Cyanophyte in the oligotrophic Caspian Sea.