

Program Details

Monday, 10th of July 2023

Room C1

TIME	TITLE	SPEAKER	SESSION	CHAIR
09:00-09:45	Marine ecology and global change	Worden, Alexandra	Plenary	Sonja Rückert
09:45-10:30	Soil protists: The new frontier in and beyond soil ecology	Geisen, Stefan		
11:00-11:15	Looking for genes withholding the secrets of uncultivable protist life cycles	Rizos, Iris	Molecular evolution: genomics/transcriptomics	Fabien Burki
11:15-11:30	Losing photosynthesis and the adaptation to heterotrophy	Nisbet, Ellen		
11:30-11:45	Microbial predators form a new supergroup of eukaryotes	Tikhonenkov, Denis		
11:45-12:00	Newly discovered deep lineage of eukaryotes with unusual morphology, ultrastructure, and mitochondrial genome	Valt, Marek		
12:00-12:15	Phylogenomics of Cercozoa: a single-cell transcriptome approach	Lax, Gordon		
12:15-12:30	Comparative genomics of the vampyrellid amoebae (Vampyrellida, Rhizaria)	Teixeira, Pereira Bassiaridis, Justin		
13:30-13:45	Phylogenomics show parasitism evolved twice in the marine alveolates (MALVs)	Holt, Corey		
13:45-14:00	Free-living relatives of highly abundant unicellular marine parasites elucidate plastid loss	Hehenberger, Elisabeth		
14:00-14:15	Single cell transcriptomics of heterotrophic taxa reveals new insights in dinoflagellate character evolution	Cooney, Elizabeth		
14:15-14:30	Spicing up the menu: Novel diversity of free-living bacterivorous colpodellids, relatives of Apicomplexa	Kolisko, Martin		
14:30-14:45	The hidden genomic diversity of orphan branches of the eukaryotic tree of life.	Blaz, Jazmin		
14:45-15:00	Integrating omics with 3D imaging to understand how endosymbionts become organelles	Husnik, Filip		

Room C2

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	A triple metabarcoding strategy for discriminating active, dormant, and dead microbial eukaryotes in environmental samples	Gong, Jun	Soil protists	Edward Mitchell
11:15-11:30	Biotic interactions explain seasonal dynamics of the alpine soil microbiome	Fiore-Donno, Anna Maria		
11:30-11:45	Phylotranscriptomics support a temporal constraints model of development for the dictyostelid social amoebae.	Tice, Alexander		
11:45-12:00	Insights into protist activity, spatio-seasonal dynamics and multi-trophic linkages in a Canadian hypertidal mudflat	Kalu, Eke		
12:00-12:15	Island isolation and elevation as drivers of soil protist endemism	Mitchell, Edward		
12:15-12:30	Long-read sequencing and soil eukaryote diversity	Stokke, Embla		
13:30-13:45	Measuring protist population growth in intact soil environments using quantitative stable isotope probing (qSIP)	Mau, Rebecca		
13:45-14:00	Protists as ideal models to study soil biodiversity-ecosystem functioning	Berlinches de Gea, Alejandro		
14:00-14:15	Deciphering the evolution of the early-diverging clades of heterotrophic flagellates Apusomonadida and Ancyromonadida	Torruella, Guifré		
14:15-14:30	Exploring eukaryote lateral gene transfer and its mechanisms in the model system <i>Acanthamoeba castellanii</i>	Colp, Morgan		
14:30-14:45	Decoding the doo-doo dilemma: The impact of bacteria on aggregative multicellularity in dung-inhabiting amoebae	Henderson, Tristan		
14:45-15:00	Chlamydial symbionts of amoeba impact top-down control in soil	Schwarzhaus, Angelika		

Room A

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	After years with partial mixing, complete water turnover boosts an intense phytoplankton bloom - how do ciliates react?	Schalch-Schuler, Martina	Extreme environments and climate change	Nicole Aberle-Malzahn/ Stephen Wickham
11:15-11:30	Ciliates in altered marine environments - plasticity, resilience & opportunism	Langlois, Gaytha		
11:30-11:45	Diversity and diurnal changes of microeukaryotes in mudflat biofilms: A molecular perspective	He, Cui		
11:45-12:00	Environmental bifurcation of two cyst forming acantharian clades in Arctic waters	Lovejoy, Connie		
12:00-12:15	Independent colonizations of athalassohaline water bodies by freshwater lobose testate amoeba (Arcellinida, Amoebozoa).	Useros, Fernando		
12:15-12:30	Insights into the dark matter of desert protists highlight unique community structures of cercozoans and amoebae across the driest desert on Earth, the Atacama Desert.	Acosta, Eduardo		
13:30-13:45	Relevance of climate, geography and habitat for the distribution of protists - lessons learned from a continental lake plankton survey	Boenigk, Jens		
13:45-14:00	The functioning of deep-sea microbial food webs influenced by sedimentation of organic debris	Dünn, Manon		
14:00-14:15	Assessing the impact of past environmental changes on marine protist biodiversity using sedimentary ancient DNA	Weiner, Agnes K.M.		
14:15-14:30	Quaternary Arctic sea ice reconstructions from ancient sedimentary DNA: updates from the AGENSI project	Cordier, Tristan		
14:30-14:45	Light/dark modulation of thiol oxidation in <i>Paulinella micropora</i> using redox proteomics	Lhee, Duckhyun		
14:45-15:00	Deep molecular characterization of microorganisms' diversity and community composition in the tree canopies using a metatranscriptomics approach	Freudenthal, Jule		

Room B

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	2D approach to reconstruct the evolutionary history of clevelandellids (Ciliophora, Armophorea) inhabiting the hindgut of the Panesthiinae cockroaches	Pecina, Lukáš	Taxonomy, systematics and barcoding	Peter Vďačný
11:15-11:30	A holistic approach to inventory the diversity of mobilid ciliates (Protista: Ciliophora: Peritrichia)	Zhang, Tengyue		
11:30-11:45	All we know about diversity of a neglected ciliate subfamily Clevelandellidae	Kotyk, Michael		
11:45-12:00	Characterisation and cultivation of new lineages of colponemids, a critical assemblage for inferring alveolate evolution	Simpson, Alastair		
12:00-12:15	Cleaving <i>Closterium</i> : A new feeding strategy found in the leptophryid amoebae (Vampyrellida, Rhizaria)	Suthaus, Andreas		
12:15-12:30	Effects of stressors on growth and competition between different cryptic taxa affiliated with ochromonadales (chrysophyceae)	Boden, Lisa		
13:30-13:45	First molecular evidence of hybridization in endosymbiotic ciliates (Protista, Ciliophora)	Obert, Tomáš		
13:45-14:00	Plasmodium and beyond - haemosporidian parasites of a Malagasy bird population	Musa, Sandrine		
14:00-14:15	Progress in taxonomy and phylogeny of the pleurostomatid ciliates (Ciliophora, Litostomatea, Pleurostomatida) in China	Pan, Hongbo		
14:15-14:30	The simple holocarpic oomycetes: Phylogeny and diversity	Buaya, Anthony		
14:30-14:45	UniEuk project update and future of the initiative	Berney, Cédric		
14:45-15:00	Unraveling <i>Paramecium</i> diversity by integrative taxonomy	Potekhin, Alexey		

Poster Session I

TIME	TITLE	SPEAKER
15:30-17:00	Genomes of diverse non-model Trypanosomatidae	Albanaz, Amanda
	Putative MutS2 homologs in algae: more goods in shopping bag?	Berdieva, Mariia
	Protist:bacteria metabolic associations might be pervasive in the Breviatae	Boisard, Julie
	<i>Paramecium</i> species in an acid rain-recovering lake	Bright, Lydia
	Morphological redescription of three <i>Sonderia</i> species (Ciliophora; Plagiopylea; Sonderiidae) based on Korean populations	Cahyani, Novia
	Phylogenomics and genomic metabolic features of gastrointestinal symbiotic ciliates of herbivorous mammals (Ciliophora, Trichostomatia)	Cedrola, Franciane
	A new symbiont ciliate of freshwater bivalvia, <i>Conchophthirus</i> n. sp. (Ciliophora: Scuticociliatia) from South Korea	Chae, Kyu-Seok
	New contributions to the taxonomy and phylogeny of the genus <i>Condylostoma</i> (Alveolata, Ciliophora, Heterotrichea)	Chi, Yong
	Bunch formation of <i>A. castellanii</i> infected with Marseilleviridae virus	Chihara, Akane
	Morphology, morphogenesis, and molecular phylogeny of a new species in the genus <i>Aspidisca</i> (Protozoa, Ciliophora) from South Korea	Choi, Ji Hye
	Metabarcoding analysis to detect protozoa and helminths in wild animals in South Korea.	Choi, Jun Ho
	Freshwater protist diversity analysis using long nanopore 18S rDNA amplicons reveals hidden diversity of 'Excavates'	Chwalińska, Małgorzata
	Unveiling the role of microtubule organizing centers (MTOCs) evolution in protists' diversity	Cirino, Luca
	Proteomics of the zoospore-to-vegetative cell transition in the thraustochytrid <i>Aurantiochytrium limacinum</i> (Labyrinthulomycota) reveals putative constituents of the bothrosome and ectoplasmic network	Collier, Jackie
	Diversity survey of endosymbionts associated with Polycystinea (Radiolaria) from the Sargasso Sea	Coots, Nicole
	Rumen ciliates (Ciliophora, Trichostomatia) in Brazilian domestic cattle feed diets with crescent urea levels	Costa Bordim, Suyane
	Polycycla (Poljansky, 1951) mobilines from South African holothurian hosts	de Jager, Gerhard
	Unrolling of R-bodies isolated from the <i>Paramecium</i> endosymbiont <i>Caedimonas varicaedens</i>	Dörr, Lennart
	New Arcellinida metabarcoding protocol	El Khouri Vidarte, Nura
	Evidence for a recent horizontal gene transfer from a close relative of <i>Paramecium</i> killer bacteria to <i>Blepharisma</i>	Emmerich, Christiane
Anti-amebic activity and mechanism of action of synthetic pyrazolines	Espinosa, Avelina	
Identification of key enzymes for starch synthesis in chromerids and Apicomplexa	Fermont, Léa	
Ecology of Vampyrellida: broad insights from meta-analyses of molecular environmental surveys	Fiore-Donno, Anna Maria	
Bridging biology and physics – <i>Paramecium bursaria</i> as a model ambassador	Flemming, Felicitas Elisabeth	

15:30-17:00	Unraveling cryptic speciation within <i>Ceratiomyxa fruticulosa</i>	Fry, Nicholas
	Description of new <i>Lambornella</i> (Tetrahymenidae, Oligohymenophorea, Ciliophora) and <i>Lambornella</i> -like isolates from Mexico	Gogoleva, Natalia
	Diversity of protist communities in the extreme environments revealed by metabarcoding	Gogoleva, Natalia
	A well-established symbiosis between <i>Dictyostelium giganteum</i> and a chlamydial symbiont under the influence of recurring multicellularity	Helmlinger, Lukas
	Standing above the rest: The unique behavior of new Thecamoebids	Henderson, Tristan
	A new group of endosymbiotic Legionellales of Euglenophyceae identified via metagenomic analyses	Hollender, Metody
	How did you get here? Protozoan diversity from freshwater volcanic crater lakes in the South Pacific	Irwin, Nicholas
	Impact of taxon sampling on the internal relationship of Archaeplastida by nuclear gene-based phylogenomic analyses	Isogai, Ryu
	Protistan plankton communities and the influence of a branch of Kuroshio in the northeastern East China Sea during the late spring	Kim, Yunhee
	Taxonomy of new non-photosynthetic species of the genus <i>Poterioochromonas</i> (Chrysophyceae) based on morphological and molecular evidence	Jeong, Minseok
	Morphology and molecular phylogeny of two planktonic hypotrichous ciliates (Ciliophora, Hypotrichia) from China	Jiang, Jiamei
	<i>Giardia intestinalis</i> – unique model for understanding the post – translational protein transport pathway into the endoplasmic reticulum membrane	Johánková, Alžběta
	Structure and composition of cyst envelopes of vampyrellid amoebae (Vampyrellida, Rhizaria) with special emphasis on chitinous substances	Kamp, Helen
	Metabarcoding of bacteria, protozoa, and helminths in the gut of <i>Apodemus agrarius</i>	Kang, Dongjun
	<i>Pirsonia catenata</i> sp. nov. (Pirsoniales, Pirsonaea), a parasitic nanoflagellate infecting the marine centric diatom <i>Coscinodiscus radiatus</i> from coastal waters of Korea	Kim, Hyewon
	Detection of parasites and blood-meal hosts of tsetse flies from Tanzania using metagenomics	Kim, Myungjun
	Changes in marine bacterial community in response to parasite-induced dissolved organic matter from the harmful dinoflagellate <i>Akashiwo sanguinea</i>	Kim, Sunju
	A biological indication of a tintinnid species, <i>Tintinnidium primitivum</i> , of the Yellow Sea Bottom Cold Water	Kim, Young Ok
	Exploring the mitochondrial genetic code diversity	Klapuchová, Eliška
	More than a weed: Utilizing the diversity of Vannellid amoebae to uncover the developmental and evolutionary secrets of protostelid amoebae	Kleitz-Singleton, Felicity
Two new species candidates of anaerobic ciliates genus <i>Tropidoatractus</i> (Ciliophora, Armophorea, Metopida, Tropidoatractidae) based on morphology and molecular phylogeny	Kristanti, Nanda Dwi	
Divergent ERMES complex is conserved in <i>Trichomonas vaginalis</i>	Kučerová, Jitka	
Predation by <i>Acartia</i> on the heterotrophic dinoflagellates <i>Gyrodinium</i> spp.	Lee, Moo Joon	

15:30-17:00	Comparative mitochondrial genomics of Synurales (Chrysophyceae)	Lee, Nayoung
	NOX2-derived ROS-dependent calpain activation is involved in human hepatoma cells (HepG2) death induced by <i>Entamoeba histolytica</i>	Lee, Young Ah
	<i>Trichomonas vaginalis</i> -secreted lipid mediator LTB4 induces chemokine IL-8 production via dynamin-mediated endocytosis of LTB4 receptor BLT1 and phosphorylation of NF-kB	Lee, Young Ah
	Preliminary morphological and molecular analyses on free-living ciliates from South Africa	Lenti, Andrea
	Deciphering deep phylogenetic relationships among eukaryotic supergroups with improved gene and taxon sampling	Leroy, Romain
	Comparative transcriptome and antioxidant biomarker response reveal molecular mechanisms to cope with zinc ion exposure in the unicellular eukaryote <i>Paramecium</i>	Li, Lifang
	Distribution patterns of ciliate diversity in the South China Sea	Liu, Weiwei
	Evolution of a fibre-forming citrate synthase	Lometto, Stefano
	Oxygenic or anoxygenic? <i>Spirostomum teres</i> feeding preferences	Macek, Miroslav
	Gregarines from tenebrionid beetles of the Atacama Desert	Mach, Niclas
	An overview of the amoebae genera diversity in Mexico	Mayén-Estrada, Rosaura
	Epibiotic ciliate communities from a crayfish cultivated in artificial ponds in southern Mexico	Mayén-Estrada, Rosaura
	Developing gregarine apicomplexans as aquatic symbiosis model systems	McKinley, Kevin

Tuesday, 11th of July 2023

Room C1

TIME	TITLE	SPEAKER	SESSION	CHAIR
09:00-09:45	Horizontal gene transfer in the early evolution of protists: How eating changed our genes	Keeling, Patrick	Plenary	Alastair Simpson
09:45-10:30	Diversity of membrane-trafficking organelles in protists: new insights from evolutionary cell biology	Dacks, Joel B.		
11:00-11:15	Prevalence, succession, and activity of protistan grazers in particle-associated communities	Gleich, Samantha	Environmental genomics and bioinformatics	Tristan Cordier
11:15-11:30	Functional diversity of microbial eukaryotes in a meromictic lake: coupling between metatranscriptomics and a trait-based approach	Monjot, Arthur		
11:30-11:45	Microeukaryotic predators shape the wastewater microbiome	Heck, Nils		
11:45-12:00	Cultivation remains an indispensable tool for biodiversity discovery in heterotrophic protists	Eglit, Yana		
12:00-12:15	Digital PCR as a new cutting-edge tool for measuring ciliate abundance	Gross, Megan		
12:15-12:30	Chimera formation and detection in long-read amplicon sequencing data	Krabberød, Anders K.		
13:30-13:45	Global patterns and rates of habitat transitions across the eukaryotic tree of life	Jamy, Mahwash		
13:45-14:00	Global population structure of a unicellular marine predator lineage	Logares, Ramiro		
14:00-14:15	The eco-evolution of microbial eukaryotes: insights from molecular environmental surveys	Mendez Sandin, Miguel		
14:15-14:30	Freshwater plastid genomes through the lenses of metagenomics	Karlicki, Michał		
14:30-14:45	On the relationship between protist metabarcoding and protist metagenome-assembled genomes	Zavadska, Daryna		
14:45-15:00	Dissecting marine picoeukaryotic genomes from single cells and metagenomes	Massana, Ramon	Bioinformatics and genomics	Micah Dunthorn
15:30-15:45	A long-read sequencing approach to metabarcoding protists from a diverse set of environments	Jones, Robert		
15:45-16:00	Assessing the potential of Nanopore long-read sequencing for metabarcoding: A personalized molecular protocol for profiling protist communities in diverse habitats	Blandenier, Quentin		
16:00-16:15	There and back again, the genomics of free-living Diplomonads	Wisniewska, Monika		
16:15-16:30	Dollo parsimony overestimates ancestral gene content reconstructions	Galvez Morante, Alex		

16:30-16:45	High quality genome assemblies of six protists provide insights into giant virus and host defence mechanisms	Willemsen, Anouk		
16:45-17:00	A first glance at the transcriptome of <i>Crepidodinium cyprinodontum</i> provides key insights into the evolution of fish ectoparasites among dinoflagellates	Maciszewski, Kacper		
17:00-17:15	Evolutionary studies of programmed genome rearrangements in ciliates, focusing on <i>Euplotes</i> and <i>Paramecium</i>	Gao, Feng		
17:15-17:30	The importance of model realism in addressing eukaryogenesis-related phylogenetic problems	Roger, Andrew		

Room C2

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	The biology of peritrichs, including some historical perspectives	Warren, Alan	Symposium: Advances in the biology and systematics of sessilid peritrichs and other ciliates	Rosaura Mayén-Estrada
11:15-11:40	From phylogenomics to functional genomics of peritrichs	Jiang, Chuanqi		
11:40-12:05	New morphological and molecular data on peritrichs from Brazil provides new insights into the evolutionary relationships among epistylids	Dias, Roberto Júnio Pedroso		
12:05-12:30	Biodiversity of freshwater ciliates in the Lake Weishan Wetland, China	Song, Weibo		
13:30-14:00	Chlamydial endosymbionts of protists evolved through unexpected gene gain	Dharamshi, Jennah	Symposium: Protist symbioses	Filip Husník
14:00-14:15	The “bacterial” endosymbionts of <i>Symbiomonas scintillans</i> are actually prasinoviruses of the NCLDV phylum	Cho, Anna		
14:15-14:45	Methanogenic archaeal symbionts of anaerobic ciliates are host- and habitat-specific	Méndez-Sánchez, Daniel		
14:45-15:00	A unique symbiosome in an anaerobic single-celled eukaryote	Jerlström Hultqvist, Jon		
15:30-16:00	Transient and permanent residents: examples of euglenozoan-bacterial endosymbioses	Tashyreva, Daria		Julius Lukeš
16:00-16:15	Abortive infection and defensive symbiosis – how protists defend themselves against giant viruses	Arthofer, Patrick		
16:15-16:30	Infection of marine diatoms by <i>Pirsonia diadema</i> : a new model system to elucidate host-parasite interactions	Mathur, Varsha		
16:30-16:45	Anaerobic scuticociliates: A cosmopolitan lineage of anaerobic ciliates hosting diverse prokaryotic symbionts	Poláková, Kateřina		
16:45-17:00	Unexpectedly diverse protist community of <i>Reticulitermes tibialis</i> : Implications for symbiont inheritance and coevolution	Gile, Gillian		
17:00-17:05	Long-read sequencing sheds light on the origins of endogenous virophage and Polinton-like elements in the halophilic stramenopile <i>Halocafeteria seosinensis</i>	Gallot-Lavallée, Lucie		
17:05-17:10	Parasites of parasites: the diversity of metchnikovellids in marine gregarine apicomplexans	Park, Eunji		Filip Husník/ Julius Lukeš
17:10-17:15	An intriguing case of <i>Ciliophrys</i> : lack of plastid and presence of bacterial endosymbiont	Barcyte, Dovile		
17:15-17:20	Single-cell transcriptomics of <i>Hatena arenicola</i> and its symbiont	Okamoto, Noriko		
17:20-17:25	In search of Achilles’ heel in ciliates	Sabaneyeva, Elena		

Room A

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	The role of phagotrophy as an important iron acquisition strategy of marine dinoflagellates	Jang, Se Hyeon	Mixotrophy	Stefanie Moorthi/ Matthew Johnson
11:15-11:30	Physiology of ecdysis in dinoflagellates – presumably overlooked cyst type and directions of nutrient fluxes in the ocean	Matantseva, Olga		
11:30-11:45	To be or not to be a mixotroph? How niche modeling can help to tackle dinoflagellate trophic strategies in marine ecosystems	Bittner, Lucie		
11:45-12:00	The predicted plastid proteome of <i>Polytoma uvella</i> (Chlamydomyceae): contrasting differences between the metabolic roles of the nonphotosynthetic plastids of free-living and parasitic/pathogenic chlorophytes	Reyes-Prieto, Adrian		
12:00-12:15	Physiological and transcriptomic responses of mixotrophic <i>Ochromonas</i> to light regimes and prey availability	Zhang, Lu		
12:15-12:30	Never-ending story – intriguing trophic levels in pelagic microbial food webs	Piwosz, Kasia		
13:30-13:45	Revealing the kleptoplastidic symbiosis in the marine centrohelid <i>Meringosphaera</i>	Walraven, Anne		
13:45-14:00	Loss of metabolic autonomy in the photosynthetic ciliate <i>Mesodinium rubrum</i>	Johnson, Matthew		
14:00-14:15	Competition between mixotrophic and heterotrophic ciliates under dynamic light conditions and prey supply	Moorthi, Stefanie		
14:15-14:30	A new deep-branching lineage of predatory flagellates confirms the relationship between Pirsoniales and oomycete parasites (Stramenopiles)	Prokina, Kristina		
14:30-14:45	Creating a freshwater dinoflagellate transcriptome database	Mtawali, Mahara		
14:45-15:00	Phylogenomics reveals multiple independent lifestyle transitions within early-branching fungi	Thomé, Pauline C.		
15:30-15:45	Data mining Arthropoda genomes reveals diversity and host spectrum of Microsporidian parasites	Edwards, Sam	Evolution	Alastair Simpson
15:45-16:00	Unravelling the evolution of organellar genomes and metabolism of <i>Leontynka</i> lineage (Chlamydomonadales)	Corre, Pia		
16:00-16:15	Canonically circular mitochondrial genomes spread among Euglenids	Hałakuc, Paweł		
16:15-16:30	Simulating the origins of multicellularity by artificial selection on the filasterean <i>Capsaspora owczarzaki</i>	Bercedo-Saborido, Gonzalo		
16:30-16:45	The phylogenomic position of coral infecting corallicolid apicomplexan shows multiple independent losses of chlorophyll biosynthesis in obligate intracellular parasites	Jacko-Reynolds, Victoria		

16:45-17:00	The origin and evolution of symbiontid euglenozoans using single-cell transcriptomics	Maciejowski, William		
17:00-17:15	Evolution of splicing in <i>Pseudoloma neurophilia</i> : exploring the most reduced spliceosome	Whelan, Thomas		
17:15-17:30	Maturases and group II introns in the mitochondrial genomes of the deepest jakobid branch	Galindo, Luis Javier		

Room B

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	A novel parasitoid (Oomycota) infecting the marine dinoflagellates	Jeon, Boo Seong	Pathogenic protists	Vyacheslav Yurchenko
11:15-11:30	Apical annuli are specialised sites for post-invasion secretion in <i>Toxoplasma gondii</i>	Waller, Ross		
11:30-11:45	<i>Babesia microti</i> and <i>Babesia vogeli</i> in <i>Rhipicephalus turanicus</i> ticks (Ixodida: Ixodidae) from Israel	Mumcuoglu, Kosta Y.		
11:45-12:00	Genetic diversity of Japanese <i>Toxoplasma</i> population based on genome-wide SNP analysis	Nagamune, Kisaburo		
12:00-12:15	Genome evolution of the apicomplexan parasite <i>Cryptosporidium parvum</i>	Castelli, Michele		
12:15-12:30	Isolation and molecular identification of <i>Vermamoeba vermiformis</i> strains from environmental samples in Castile and León, Spain	Pérez-Pérez, Patricia		
13:30-13:45	Microsporidia and protist parasites: an important future threat to the insect rearing industry	Bessette, Edouard		
13:45-14:00	Nephridiophagids (Chytridiomycota) reduce the fitness of their host insects	Strasser, Jürgen F. H.		
14:00-14:15	<i>Palythoa</i> aff. <i>clavata</i> as a source of bioactive compounds against the “brain eating” amoeba	Arberas-Jiménez, Iñigo		
14:15-14:30	Establishing a multi-omics approach to study <i>Cryptosporidium parvum</i> in calves	Tsaousis, Anastasios		
14:30-14:45	Phylogenomic analysis of adeleorina apicomplexans	Na, Ina		
14:45-15:00	The ancestral shape of the access proton path of mitochondrial ATP synthases revealed by the split subunit-a in <i>Trypanosoma brucei</i>	Gahura, Ondřej		
15:30-15:45	Antikinetoplastid activity of sesquiterpenes isolated from the zoanthid <i>Palythoa</i> aff. <i>clavata</i>	Bethencourt-Estrella, Carlos J.		
15:45-16:00	Chlorhexidine caused imbalance oxidative state in <i>Acanthamoeba polyphaga</i>	Sifaoui, Ines		
16:00-16:15	Nitroxoline as an amoebicidal agent against <i>Acanthamoeba</i> : in vitro activity and detection of programmed cell death in <i>Acanthamoeba culbertsoni</i>	Rodríguez-Expósito, Rubén L.		
16:15-16:30	Repurposing of nitroxoline as an anti- <i>Naegleria</i> compound	Chao-Pellicer, Javier		
16:30-16:45	Holozoan protists shed light on the evolution of regulated cell death pathways at the onset of animal multicellularity	Leger, Michelle		
16:45-17:00	Exploring the efficacy of metabarcoding and non-target screening for detecting treated wastewater	Sieber, Guido		

Wednesday, 12th of July 2023

Room C1

TIME	TITLE	SPEAKER	SESSION	CHAIR
09:00-09:45	ISOP Past-President's Address 2019-2020 - Footprints in the sand	Langlois, Gaytha	Plenary	Virginia Edgcomb
09:45-10:30	ISOP Past-President's Address 2021-2022 - Curiosities of amoeboid protists: from genomics to development	Brown, Matthew		
11:00-11:05	INTRO	Wideman, Jeremy	Symposium: Inferring protist cell biology using spatial proteomics	Jeremy Wideman
11:05-11:17	Spatial proteomics of the free living anaerobic protist <i>Paratrimastix pyriformis</i>	Peña-Díaz, Priscila		
11:17-11:29	Spatial proteomics: the dark side of the method	Jirsova, Dagmar		
11:29-11:41	Spatial proteomics reveals the presence of complex subcellular compartmentalization in the Alveolate parasite <i>Perkinsus marinus</i>	Salas-Leiva, Dayana		
11:41-11:53	Comparative spatial proteomics of euglenozoans	Hammond, Michael		
11:53-12:05	Spatial proteomics of <i>Naegleria gruberi</i> with the focus on the evolution of the eukaryotic cell	Dolezal, Pavel		
12:05-12:30	PANEL DISCUSSION			

Room C2

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	Morphological diversity and molecular phylogeny of five <i>Paramecium bursaria</i> (Alveolata, Ciliophora, Oligohymenophorea) syngens and the identification of their green algal endosymbiont	Pröschold, Thomas	Ciliates as model organisms	Alexey Potekhin/ Martin Simon
11:15-11:25	Intracellular bioaccumulation of the rare earth element Gadolinium in the ciliate <i>Tetrahymena pyriformis</i> resulting in biogenic particle formation and excretion	Kohl, Jana		
11:25-11:35	Spatial distribution and self-organized pattern formation in single-species systems – experiments with ciliates	Werner, Johannes		
11:35-11:45	<i>Paramecium bursaria</i> - a perfect model organism for so-called active Brownian particles and statistical physics?	Härtel, Andreas		
11:45-12:00	Fatty acid desaturases expression in <i>Euplotes focardii</i> as evolutionary adaptation to the Antarctic environment may expose this ciliate to higher risk under organic pollutants contamination	Piersanti, Angela		
12:00-12:15	Population genomic insights into syntrophic symbiosis between marine anaerobic ciliates and intracellular methanogens	Rotterova, Johana		
12:15-12:30	Protein-protein homo- and hetero-oligomerization phenomena explain autocrine (growth-promoting) and heterologous (mating-inducing) pheromone-cell interactions in <i>Euplotes</i>	Vallesi, Adriana		

Room A

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	Characterization of a eukaryotrophic flagellate representing a novel major lineage within Stramenopila	Weston, Elizabeth	Biodiversity	Robert Ptacnik
11:15-11:30	On the life history, occurrence and microhabitat of a rare ciliate: <i>Apocarchesium arndti</i> Norf et Foissner, 2010 (Oligohymenophorea, Peritrichia)	Becz, Álmos		
11:30-11:45	RS, a new fully defined medium for cultivating diverse protists	Sigona, Cristiana		
11:45-12:00	Using long-read amplicon sequences to evaluate the diversity of understudied eukaryotic microbes	Rajter, Lubomir		
12:00-12:15	Apicomplexans symbionts of the coral reef	del Campo, Javier		
12:15-12:30	The photic-aphotic divide is a strong ecological and evolutionary force determining the distribution of marine ciliates (Alveolata, Ciliophora)	Santoferrara, Luciana		

Room B

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	Phenotypic analysis of <i>Plasmodiophora brassicae</i> infection in various <i>Arabidopsis arenosa</i> genotypes: discovering similarities and dissimilarities in the parasite-host relationship	Neuhauser, Sigrid	Protists associated with crops in land plants and aquaculture	Sigrid Neuhauser
11:15-11:30	Genomic and transcriptomic advances in understanding the tripartite interactions between host plants, viruses and the protist vectors Polymyxa	Genard, Margaux		
11:30-11:45	Local endoreduplication of the host is a conserved process during Phytomyxea-host interaction	Hittorf, Michaela		
11:45-12:00	Phagocytosis underpins the biotrophic lifestyle of intracellular parasites in the class Phytomyxea (Rhizaria)	Garvetto, Andrea		
12:00-12:15	Seagrasses as model organisms to understand the biodiversity and evolution of phytomyxid parasites in natural settings	Kolátková, Viktorie		
12:15-12:30	What determines the assembly of protist microbiomes in the rhizosphere of plants?	Bonkowski, Michael		

Poster Session II

TIME	TITLE	SPEAKER
13:30-15:00	<i>Entamoeba histolytica</i> : Investigation of the lipopeptidophosphoglycan (LPPG) surface antigen and the monoclonal antibody EH5	Nagode, Anna
	Graphical tool for manual editing and annotation of sequence sampling in phylogenetic datasets	Nenarokov, Serafim
	Does <i>Blastocystis</i> shape the gut microbiota? A case study in a group of mothers and children volunteers from the Zanzibar Archipelago	Nguele, Aristide Toussaint
	Reinvestigation of two poorly known metopid ciliates: <i>Metopus major</i> and <i>M. pellitus</i> by Kahl, 1932 from South Korea (Ciliophora, Armophorea)	Nguyen, Quoc Dung
	Search for the new group-specific V9 hypervariable region metabarcoding primers	Novák, Jiří
	The metabarcoding of bacteria and protozoa of domestic pigeons in Seoul, Korea	Oh, Singeun
	Endosymbiotic relationship between the heterotrophic ciliate <i>Paramecium bursaria</i> and the green algae <i>Chlorella variabilis</i> under starvation	Okada, Kaoru
	Two new species of the eupelagonemids	Okamoto, Noriko
	Genetic manipulation of <i>Micromonas</i> - New tools for a marine model alga	Paap, Jöran
	Characterisation of a novel pan-microalgal chloroplast ATP-binding protein	Penot-Raquin, Mathias
	Towards deciphering the molecular mechanisms of RNA 3'-end modification in secondary plastids of euglenophytes	Pergner, Jiri
	Evidence and distribution of various Chlorovirus (Phycodnaviridae) strains in Lake Mondsee (Austria) infecting endosymbiotic green algae	Petlovana, Viktoriya
	Phyloplast: A plastid database with novel signal sequence prediction tool and a suite of programs for phylogenetic analyses	Pietluch, Filip
	Protist of the year 2023: Colony-forming ciliate <i>Ophrydium versatile</i> (Peritrichia)	Pröschold, Thomas
	<i>Apofrontonia jejuensis</i> n. sp. (Ciliophora, Oligohymenophorea), a new marine ciliate from Jeju Island, South Korea	Quintela-Alonso, Pablo
	Sessile ciliates colonizing the hindgut of higher termites	Radek, Renate
	The activity of PHMB and other guanidino containing compounds against <i>Acanthamoeba</i> and other ocular pathogens	Ratnayake, Dharanga
	Nitric oxide signaling controls collective contractions in a colonial choanoflagellate	Reyes-Rivera, Josean
	In vivo evaluation of bioenergetic parameters in heat-stressed <i>Cassiopea</i>	Royen, Edmee
	Specimens of common Baltic ciliates fixed with acid Lugol's solution - photomicrographs	Rychert, Krzysztof
A dead end for both partners: hyperinfection with <i>Ca. Gortzia yakutika</i> in <i>Paramecium nephridiatum</i>	Sabaneyeva, Elena	
The first arctic rhizochromuline: morphology, ultrastructure, and position in the evolutionary tree of Rhizochromulinales (Ochrophyta, Dictyochophyceae)	Safonov, Pavel	
Composition of telomeric proteins in <i>Blastochritidia nonstop</i>	Saura, Andreu	

Does salinity matter? - Ciliates in the southern Baltic	Scherwass, Anja
Genome of a Ca. <i>Megaira</i> endosymbiont from the cercozoan amoeba <i>Rhogostoma pseudocylindrica</i>	Seah, Brandon
Effects of warming on the protist communities in the Southwestern Sea of Korea during the late spring	Seo, Hye Jin
Absence of spliceosomal introns in the mixotrophic ciliate <i>Mesodinium rubrum</i> - how did they disappear?	Shaikhutdinov, Nurislam
Identification and analysis of cilia-associated gene families in <i>Euplotes amieti</i> (Ciliophora, Hypotrichida)	Shen, Liheng
Morphological reconstruction during cell regeneration in the ciliate <i>Spirostomum ambiguum</i>	Shimada, Maho
Characteristics of a novel encystment-inducing pheromone released from the ciliated protozoan <i>Colpoda cucullus</i>	Shimada, Yuto
Endemics ciliates of phytotelmata exhibit high macroevolutionary rates	Silva Costa, Fabiola
Ancient Protein Resurrection of the Arf1/6 progenitor: "Jurassic Park-ing" a 2 billion year old protein	Sivia, Mandeep
Intracellular pigments and morphological changes as a stress response in a mesophilic <i>Ancydonema</i> species (Zygnematophyceae)	Slominski, Emilia
Single-cell transcriptomics: establishing splitseq method for protist communities	Smacchia, Valentina
Research and development of a novel biological water quality index based on Arcellinida using metabarcoding techniques	Soler-Zamora, Carmen
New evidence of consistency between phylogeny and morphology for two large taxa in ciliated protists, the subclasses Oligotrichia (Protista, Ciliophora)	Song, Wen
Integrative approach on key freshwater ciliates of the genus <i>Urotricha</i> (Alveolata, Ciliophora, Prostomatida)	Sonntag, Bettina
A Deeper Investigation in Microsporidian Diversity	South, Lilith
Genomic characterization of eight peritrich ciliates (Peritrichia: Sessilida), with new phylogenomic insights	Souza, Pedro
It takes some guts: A termite-protist co-speciation analysis using long read amplicon sequences	Swichtenberg, Kali
Long-read metagenomics of microbial communities in boreal forest soils	Thoen, Ella
Interstitial environment of the Danube: home for an assemblage of rare filose testate amoebae	Török, Júlia Katalin
<i>Blastocystis</i> under One Health - COST Action	Tsaousis, Anastasios
Bioimaging in <i>Tetrahymena</i> by glucose analogs labeled at the C-1 or C-2 position with a fluorescent dansylamino group	Ueno, Hironori
Mutual benefits from the symbiotic coexistence between bipolar <i>Euplotes</i> cells and <i>Parafrancisella</i> bacteria	Vallesi, Adriana
Unexpected survival of various groups of benthic protists at anaerobic conditions	Wagenhofer, Julian
Combining morphological and molecular data to explain the history and evolutionary pattern of problematic taxa in the genus <i>Frontonia</i>	Wardani, Ratih Kusuma
Spatial and vertical distribution of pelagic nanoflagellate and nanoamoeba genotypes in relation to benthic and pelagic gene libraries of the Atlantic Ocean	Weiß, Antonia
A new phylogenomic dataset for pinpointing the root of the eukaryote tree	Williamson, Kelsey

	Morphological plasticity and species determination: a case study from <i>Pseudokeronopsis erythrina</i> Chen et al. 2011 (Ciliophora, Hypotrichia, Urostylida)	Xu, Wenxin
	Morphology and molecular phylogeny of the semiterrestrial ciliate <i>Euplotes baugilensis</i> n. sp. (Protozoa, Ciliophora)	Yeo, Jeong Hyeon
	Morphological characteristics and phylogenetic position of <i>Euduboscquella</i> species infecting dinoflagellates	Yoo, Jiae

Thursday, 13th of July 2023

Room C1

TIME	TITLE	SPEAKER	SESSION	CHAIR
09:00-09:45	Pathogenic Protists	Rückert, Sonja	Plenary	Matthew Brown
09:45-10:30	Zoonotic Protists	Ryan, Una		
11:00-11:20	Semi-conservative transmission of DNA N6-adenine methylation in a unicellular eukaryote	Gao, Shan	Ciliates as model organisms	Alexey Potekhin/ Martin Simon
11:20-11:35	Functional division of two distinct methyltransferase complexes for eukaryotic DNA N6-adenine methylation	Wang, Yuanyuan		
11:35-11:50	Amplification of exogenous dsRNA trigger by RNA dependent RNA polymerases	Pirritano, Marcello		
11:50-12:10	Gametocyte-specific factor 1 (GTSF1) is required for genome rearrangement of <i>Paramecium tetraurelia</i>	Wang, Chundi		
12:10-12:30	Evidence for ciliates without extensive DNA elimination: the karyorelict <i>Loxodes magnus</i>	Seah, Brandon		
13:30-14:00	Wilhelm Foissner (1948–2020) --- Words of memory and admiration	Aspöck, Horst	Wilhelm Foissner Symposium	Sabine Agatha
14:00-14:15	Wilhelm Foissner (1948–2020), an outstanding taxonomist, and the future of a nomenclatural system of Ciliophora	Aescht, Erna		
14:15-14:30	Multiple lines of evidence allow a moderate revision of the oligotrichid genus <i>Strombidium</i> (Alveolata, Ciliophora, Spirotricha)	Agatha, Sabine		
14:30-14:45	The number of free-living ciliate species	Dunthorn, Micah		
14:45-15:00	“Blue Book” in new edition: Microscopic analysis of activated sludge assessing operational parameters in biological wastewater treatment and the quality of the inflowing municipal wastewater	Ettl, Marina		
15:30-15:45	A new litostomatean (Ciliophora) species from Tuscany, described accordingly to the standards of Next Generation Taxonomy	Allievi, Alessandro	NGTax: Next Generation Taxonomy	Giulio Petroni/ Valentina Serra
15:45-16:00	A pilot study of the transcriptomic response triggered by the bacterial infection in <i>Paramecium</i>	Potekhin, Alexey		
16:00-16:15	Contributions to the mobilid genus <i>Leiotrocha</i> Fabre-Domergue, 1888	de Jager, Gerhard		
16:15-16:30	Evolutionary origins and diversification of the association with eukaryotes and the intracellular condition among the Rickettsiales	Castelli, Michele		
16:30-16:45	<i>Holospora</i> -like bacteria “ <i>Candidatus Gortzia yakutica</i> ” and <i>Preeria caryophila</i> : new data on ultrastructure, biogeography and host specificity of the symbionts	Fokin, Sergey		

16:45-17:00	Integrative taxonomic data exploring ciliate diversity and community structure in Rift Valley and marine aquatic ecosystems of Kenya and Lake Mondsee in Austria	Owuor, Maxwell		
17:00-17:15	The multigene family of surface antigens in different <i>Paramecium</i> species	Simon, Martin		
17:15-17:30	Thinking outside the nucleus. A mitogenomic approach to ciliate phylogeny	Gammuto, Leandro		

Room C2

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	ATP generation in <i>Paradiplonema papillatum</i> : a planktonic protist without the need for oxygen	Sveráková, Ingrid	Anaerobic protists	Ivan Čepička
11:15-11:30	Characterisation of the SUF FeS cluster machinery in the amitochondriate eukaryote <i>Monocercomonoides exilis</i>	Peña-Diaz, Priscila		
11:30-11:45	Evolution of Endosomal retrograde trafficking machinery in the Parabasalia and its free-living sister lineage	Shinde, Abhishek Prakash		
11:45-12:00	MRO-logy of Archamoebae species: Comparative analysis of mitochondrion-related organelles in anaerobic amoebozoans	Pašuthová, Kristína		
12:00-12:15	Novel Anaeramoebae strains exhibit an unexpected variety of symbioses with prokaryotic organisms	Pavlátová, Magdaléna		
12:15-12:30	Rediscovery of remarkably rare anaerobic tentaculiferous ciliate genera <i>Legendrea</i> and <i>Dactylochlams</i> (Ciliophora: Litostomatea)	Pomahač, Ondřej		
13:30-13:45	Genomics of 'accessory' endosymbionts of the ciliate <i>Euplotes</i> : evolution of functional and ecological traits	Giannotti, Daniele	Endosymbionts and endosymbiosis	Matthias Horn
13:45-14:00	Methanogenic symbioses in Psalteriomonadidae	Čepička, Ivan		
14:00-14:15	Genomic insights into the evolution, diversity and biology of the eustigmatophyte-specific endosymbiont <i>Candidatus Phycorickettsia</i>	Eliáš, Marek		
14:15-14:30	Astonishing diversity of RNA viruses in <i>Leptomonas pyrrocoris</i> , a trypanosomatid parasitizing firebugs	Kostygov, Alexei		
14:30-14:45	Endosymbionts in amoebae – A community approach	Török, Júlia Katalin	Algae and cyanobacteria as endosymbionts	Tatyana Darienko/ Thomas Pröschold
15:30-15:45	A non-karenian dinoflagellate with a haptophyte-derived plastid indicates multiple tertiary endosymbioses	Takahashi, Kazuya		
15:45-16:00	Elucidating early stages of plastid endosymbiosis with <i>Rapaza viridis</i> (Euglenophyta) kleptoplasty	Karnkowska, Anna		
16:00-16:15	Horizontal gene transfer contributes mechanistically to a facultative photosymbiosis in <i>Paramecium bursaria</i>	Irwin, Nicholas		
16:15-16:30	<i>Paramecia</i> in the spotlight – consequences of exposure to photosynthetically active radiation	Flemming, Felicitas Elisabeth		
16:30-16:45	Repeated haptophyte endosymbioses in the dinoflagellate family Kareniaceae	Inagaki, Yuji		
16:45-17:00	Single-cell transcriptomics reveal differential responses of mixed protist symbiont communities and host cells in corals during heat-stress	Bonacolta, Anthony		

17:00-17:15	The hidden world of green algal endophytes: diversity, relationship with host, and impact on aquaculture crops	Bjorbækmo, Marit F. M.		
17:15-17:30	Unexpected diversity of zoochlorellae revealed by multigene approach	Pröschold, Thomas		

Room A

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	Parallel elaboration of contractile vacuole-associated membrane trafficking machinery in <i>Reclinomonas americana</i>	More, Kiran J.	Cell biology and ultrastructure	Renate Radek
11:15-11:30	Living well with evolution of beating heart: Contractile Vacuole in Ciliates	Kaur, Harpreet		
11:30-11:45	Preliminary studies of striated fibres and assemblins in Preaxostylans	Fang, Yi-Kai		
11:45-12:00	Chitin and chitin-related factors in microbial protoplast feeders point to new roles of understudied biopolymers in protists	Moye, Jannika		
12:00-12:15	Identification of key enzymes for starch synthesis in chromerids and Apicomplexa	Fermont, Léa		
12:15-12:30	Ethylene signaling in <i>Cyanophora paradoxa</i> : Revealing hormone usage in a glaucophyte alga	Burns, John		
13:30-14:00	Education and dissemination by eukaryotic microorganisms	Buonanno, Federico	Citizen science and science communication	Bettina Sonntag
14:00-14:30	Adventures in the microworld	Becz, Álmos		
15:30-15:45	Mitochondrial RNA editing functioning with diverse arsenal in a heterolobosean <i>Paravahlkampfia ustiana</i>	Mirzoyan, Seda	Comparative genomics	Tomáš Pánek
15:45-16:00	Mitochondrial RNA editing in ascetosporean amoebae	Yabuki, Akinori		
16:00-16:15	Nonconventional introns of euglenids as elements shaping the structure of genes and sequences of encoded proteins	Jagielska, Maria		
16:15-16:30	Non-host genome integration of the Nucleocytoviricota virus into the genome of eustigmatophyte alga <i>Characiopsis acuta</i>	Richtář, Michal		
16:30-16:45	Has the DNA polymerase of the proto-mitochondrion been retained in Discoba, Malawimonadidae, and Ancyromonadida? A novel mitochondrion-localized DNA polymerase with the phylogenetic affinity to the alpha-proteobacterial Poll	Harada, Ryo		
16:45-17:00	Lateral gene transfer into the "BRC", a deep-branching group related to fornicate metamonads	Williams, Shelby K.		
17:00-17:15	RNA editing in non-model trypanosomatids	Yurchenko, Vyacheslav		
17:15-17:30	Herpes-like endogenous viral elements and subtelomeric ribosomal RNA genes in a thraustochytrid (Labyrinthulomycota) genome	Collier, Jackie		

Room B

TIME	TITLE	SPEAKER	SESSION	CHAIR
11:00-11:15	Saccoderm desmids are the key to understanding the evolution of zygnematophytes and their adaptations to terrestrial conditions	Busch, Anna	Physiology and evolution of phototrophic protists	Jan De Vries/ Sebastian Hess
11:15-11:30	Proteomics reveals the evolution of chlorarachniophyte pyrenoids	Hirakawa, Yoshihisa		
11:30-11:45	In vivo evaluation of bioenergetic parameters in heat-stressed <i>Cassiopea</i>	Royen, Edmee		
11:45-12:00	Microbiome in the mucus of <i>Ostreopsis ovata</i> (Dinoflagellate) Mediterranean isolate	Angelici, Maria Cristina		
12:00-12:15	The evolution of characteristic AGP-glycosylation during the plant terrestrialization process	Pfeifer, Lukas		
12:15-12:30	Zoosporogenesis of chromerids and different fates of zoospores	Oborník, Miroslav		
15:30-15:45	Observing protistan communities using Leray-XT COI primers	Ewers, Isabelle	Ecology and protistan communities	Hartmut Arndt
15:45-16:00	Comparative analysis of Illumina and Nanopore amplicon sequences of eukaryotic communities from sediment samples	Bludau, Dana		
16:00-16:15	The dilemma of underestimating freshwater biodiversity: morphological versus molecular approaches	Schoenle, Alexandra		
16:15-16:30	Protist community ecology across an eddy dipole in the North Pacific Subtropical Gyre	Beatty, Jennifer		
16:30-16:45	Regulation of colony formation in a novel <i>Ventrifissura</i> species (Cercozoa)	Skamnelou, Margarita		
16:45-17:00	Free-living trichomonas: There and back again?	Kubánková, Aneta		
17:00-17:15	Environmentally-informed phenotyping of the pan-secondary red chloroplast proteome	Dorrell, Richard		
17:15-17:30	Mortality rates of planktonic ciliates	Weisse, Thomas		

Friday 14th of July 2023

Room C1

TIME	TITLE	SPEAKER	SESSION	CHAIR
09:00-09:20	A highly condensed genome without heterochromatin: orchestration of gene expression and epigenomics in <i>Paramecium tetraurelia</i>	Drews, Franziska	Grell Talks	Hartmut Arndt/ Julia Walochnik
09:20-09:40	Taxonomy for the actual end users based on morphology, molecules and nomenclature - examples from euglyphid and arcellinid testate amoebae	Duckert, Clement		
09:45-10:30	Amoebae as intracellular arena for bacterial symbionts and giant viruses	Horn, Matthias	Plenary	Julia Walochnik
11:00-11:30	Protist diversity patterns at the species level: The case of testate amoebae	Lara, Enrique	Hutner Talks	Patrick Keeling
11:30-12:00	Preaxostyla: A group that has succeeded in eliminating mitochondria	HAMPL, Vladimír		
12:00-12:30	Eukaryotic Tree of Life	Burki, Fabien		