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|  | **Author** | **Abstract Title** |
| 1 | **ROUX**, Simon (Short Talk)  [srouz@lbl.gov](mailto:srouz@lbl.gov)  *Doe Joint Genome Institute* | Exploring viral dark matter through time-series metagenomes: the case of virophages |
| 2 | **MUTALIK**, Vivek (Short Talk)  [vkmutalik@lbl.gov](mailto:vkmutalik@lbl.gov)  *Berkeley Lab* | Multiplex characterization of microbial traits using dual barcoded genome fragment expression library in diverse bacteria |
| 3 | **PEURA**, Sari (Short Talk)  [sari.peura@slu.se](mailto:sari.peura@slu.se)  *Swedish University of Agricultural Sciences* | Functional phylogeny of superphylum Parcubacteria |
| 4 | **BECRAFT**, Eric  [ebecraft@gmail.com](mailto:ebecraft@gmail.com)  *Bigelow Laboratory* | Solagigasbacteria: Lone genomic giants among the uncultured bacterial phyla |
| 5 | **JE ALVES**, Ricardo [ricardo.alves@univie.ac.at](mailto:ricardo.alves@univie.ac.at)  *Archaea Biology and Ecogenomics Division, Department of Ecogenomics and Systems Biology, University of Vienna, Austria* | Unifying the Phylogeny, Environmental Distribution and Molecular Diversity of Archaeal Ammonia Monooxygenases |
| 6 | **PODAR**, Mircea (Short Talk)  [podarm@ornl.gov](mailto:podarm@ornl.gov)  *Oak Ridge National Lab* | From genomes to cultures: Global diversity, evolution and cultivation of Nanoarchaeota symbiotic systems |
| 7 | **JOSHI**, Snehal  [joshiss@ornl.gov](mailto:joshiss@ornl.gov)  *Oak Ridge National Lab* | The dark matter of the oral microbiota: diversity, genomics and evolution of SR1, GNO2 and TM7 oral bacteria in health and disease |
| 8 | **TIAN**, Long  [longtian@vt.edu](mailto:longtian@vt.edu)  *Virginia Tech* | LINbase â€“ a Web portal for a new approach to bacterial taxonomy based on genome similarity |
| 9 | **BALMONTE**, John Paul [balmonte@unc.edu](mailto:balmonte@unc.edu)  *UNC Chapel Hill* | Structure-function changes driven by phylogenetically-related rare bacterial taxa from distinct water masses in response to high molecular weight organic matter |
| 10 | **MEDINA**, Monica  [mum55@psu.edu](mailto:mum55@psu.edu)  *Penn State University* | Coral holobiont members will respond differently to climate change |
| 11 | **OHLSSON**, Ingemar  [johlsson@niu.edu](mailto:johlsson@niu.edu)  *Northern Illinois University* | Genomic Analysis of a Hyperalkaliphilic Bacterium in an Anthropogenic Serpentinizing Spring Analogue |
| 12 | **VORISKOVA**, Jana  [jvoriskova@lbl.gov](mailto:jvoriskova@lbl.gov)  *Berkeley Lab* | Seasonal variation of benthic bacterial communities in a mountainous river |
| 13 | **SWINGLEY**, Wesley [wswingley@niu.edu](mailto:wswingley@niu.edu)  *Northern Illinois University* | Characterization of dark matter bacteria from the calumet wetlands, an extreme alkaline site and analogue for serpentinizing systems |
| 14 | **NARROWE**, Adrienne [Adrienne.narrowe@ucdenver.edu](mailto:Adrienne.narrowe@ucdenver.edu)  *University of Colorado Denver* | Targeted exploration of archaeal genomic, phylogenetic, and spatial diversity in freshwater wetland soils |
| 15 | **CHADWICK**, Grayson [chadwick@caltech.edu](mailto:chadwick@caltech.edu)  *Caltech* | Predicting the function of novel of complex I homologs from poorly studied and uncultured organisms: hints from primary sequences, crystal structures and phylogenies |
| 16 | **RAUB**, Sonja  [scraub@gmail.com](mailto:scraub@gmail.com)  *Monash University* | The Microbes in Tropical Peat from Loagan Bunut Peat Swamp in Borneo |
| 17 | **SHEREMET**, Andriy [andriy.sheremet@ucalgary.ca](mailto:andriy.sheremet@ucalgary.ca)  *University of Calgary* | Single-cell, metagenomic and cultivation based strategies for reconstructing genomes of WPS-2 species |
| 18 | **SHEREMET**, Andriy [andriy.sheremet@ucalgary.ca](mailto:andriy.sheremet@ucalgary.ca)  *University of Calgary* | Single-cell, metagenomic and cultivation based strategies for characterizing the candidate phylum WPS-2 |
| 19 | **RUHL, Ilona A.**  [ruhl.iliona@gmail.com](mailto:ruhl.iliona@gmail.com)  *University of Calgary* | Genome Assembly and Metabolism of Candidate Phylum GAL08 |
| 20 | **KIVENSON**, Veronika  [vkivenson@gmail.com](mailto:vkivenson@gmail.com)  *UC Santa Barbara* | Microbial Ecology of a Deep Ocean DDT Dump Site |
| 21 | **BROWN**, Julia  [julia@bigelow.org](mailto:julia@bigelow.org)  *Bigelow Laboratory for Ocean Sciences* | Genomics of individual cells and viruses revamped: Enhanced gDNA amplification and direct, high throughput matching of genomic and physical properties |
| 22 | **JUNGBLUTH**, Sean  [sjungbluth@lbl.gov](mailto:sjungbluth@lbl.gov)  *DOE Joint Genome Institute* | Diversity and functional potential of microbial dark matter in the marine and terrestrial deep subsurface aquifers |
| 23 | **MOSER**, Duane, **SACKETT**, Joshua, **KRUGER**, Brittany  [Duane.Moser@dri.edu](mailto:Duane.Moser@dri.edu)  [Joshua.Sackett@dri.edu](mailto:Joshua.Sackett@dri.edu)  *Desert Research Institute* | The Death Valley Regional Flow System: A Fault-Controlled Oasis for Deep Life Beneath the Mojave Desert |
| 24 | **AHRENDT**, Steven  [sahrendt0@lbl.gov](mailto:sahrendt0@lbl.gov)  *DOE Joint Genome Institute* | Exploring Dark Matter Fungi Using Single-Cell Genomics |