

## **WORKSHOP 3**

### **Verrucariaceae: recent advances in taxonomy, systematics and evolution**

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Verrucariaceae is a large family of mostly lichenized species, which is ecologically quite diverse, with species colonizing many different substrates and living in various habitats, including marine and freshwater ones. To date, phylogenetic studies of members of the family Verrucariaceae has mostly relied on Sanger-based multigene phylogenies. Although some generic concepts have been redefined within the family, many unresolved and unsupported nodes remain in this family, and a reliable phylogenetic framework is still lacking. In addition, many species concepts are still untested and species distribution unknown. Here, recent advances in the systematics and evolution of the family will be presented, including metabarcoding, type sequencing, phylogenomics, genomics and more. The goal of the workshop is to give an insight into the present state of knowledge on the family and foster future collaborations to tackle current knowledge gaps.