

1096-18-2123 **Gavin J. Seal*** (gavin.seal@epfl.ch), Section of Mathematics, Station 8, EPFL, 1145
Lausanne, VD, Switzerland. *Multiorordered sets as topological spaces.*

In this talk, we will give a brief overview of the theory of lax algebras by illustrating how multiordered sets can be studied from the viewpoint of topological spaces. In particular, we will demonstrate how concepts and results pertaining to concepts such as convergence, neighborhood systems, injective objects, or separation, can be formally transferred from the topological to the multiordered setting. (Received September 17, 2013)