Interesting Topological Spaces in Algebraic Geometry

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- Fake projective planes
- Conics
- Elliptic Curves
- Kahler Manifolds
- K3 Surfaces
- Del Pezzo surfaces
- Hurwitz schemes
- Topological galois groups, e.g. $G(\overline{F}/F)$ for $F = \mathbb{Q}, \mathbb{F}_p$.
- Spec (R) for R a DVR (a Sierpinski space)
- Quiver Grassmannians
- Rigid analytic spaces