Title: Rigidity of analytic operator algebras
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Abstract: In the past 20 years, nonselfadjoint algebras have been proven to provide complete invariants for geometric structures. This follows from a combination of techniques from Complex Analysis, Functional Analysis and Algebra. In this talk I will survey on rigidity results for analytic operator algebras related to subproduct systems and semigroups. In some cases, this is in stark contrast to what happens with C*-algebras.