## SIGBJORN HERVIK, Dalhousie University, Halifax, NS Spacetimes with Constant Scalar Invariants

In this talk we will discuss spacetimes with constant scalar invariants. There are many examples of such spacetimes, among them spacetimes with vanishing curvature invariants and homogeneous spaces. A certain class of spacetimes to which all known examples belong, as well as their mathematical and physical properties, will be discussed.