

I will first review various types of generalizing the notion of entanglement in quantum mechanics in quantum field theories. Focusing on entanglement in the field space of a theory, I will introduce a family of solvable theories build up from an arbitrary number of scalar fields. These models are used as a Laboratory to study the notion of "field space entanglement". I will investigate various measures of entanglement in two specific models and discuss about their physical implications. I will end with some comments about possible holographic duals of such models.