

## **Ragnar Fjelland**

*Quantum mechanics and the "observer"*

### **Abstract**

The observer was introduced into quantum mechanics to solve some apparent paradoxes. However, it was controversial from the very beginning, because it was regarded as a kind of subjectivism, and because it destroyed the "deterministic dream". In this presentation I shall argue that determinism must be given up, but not causality. The argument will be that physics is an experimental science, and to experiment we need causality.