

1.10: The W^+ , W^- , and Z bosons

On the other side a electro-weak interaction is developed by Weinberg and Salam. A few years later 't Hooft shows that it is a well-posed theory. This predicts the existence of three extremely heavy bosons that mediate the weak force: the Z^0 and the W^\pm . These have been found in 1983. There is one more particle predicted by these theories: the Higgs particle. Must be very heavy!

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