

## **Twisted spin cobordism and D-brane homology**

**Michael Joachim**

*University of Münster, Germany*

We present a variant of the Anderson-Brown-Peterson splitting which applies to a twisted form of spin cobordism and then use it to determine  $D$ -brane homology, which by definition is a variant of twisted  $K$ -homology. The results we present are joint with Hebestreit and with Baum, Khorami and Schick respectively.