

# **The DH Scholar as an Intermediary : Connecting Physics and Theatre Scholarship**

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## **Abstract**

This paper describes three collaborations between theatre scholars and physicists. It focuses on three interdisciplinary studies of Javanese theatre: the application of signal processing to the analysis of theatre video recordings, an analysis of network structures in the fictional universe of wayang kulit, and a biomechanical study of movement in Javanese dance. These collaborations are both challenging and fascinating, and show a real potential for increasing knowledge in different, previously unrelated fields. Collaborations of this nature require scholars to become intermediaries who constantly translate concepts, methods and expectations between different fields of knowledge. This paper argues that the essential skills of a DH Scholar are the capacity to be an intermediary and to collaborate with other intermediaries.

Keywords: networks, biomechanics, signal processing, theatre, Indonesia

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