



*The Abdus Salam*  
**International Centre for Theoretical Physics**



**Advanced Workshop on  
"Anderson Localization, Nonlinearity and  
Turbulence: A Cross-Fertilization"**

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**TITLE:**  
"Turbulent Flows on Complex Networks"

ABSTRACT:

Probability flow properties on Ulam networks and scale-free real networks are analyzed. The properties of PageRank and CheiRank for Linux procedure call network, WWW university networks and Wikipedia articles network are considered in detail. The validity of the fractal Weyl law is established under certain conditions.