



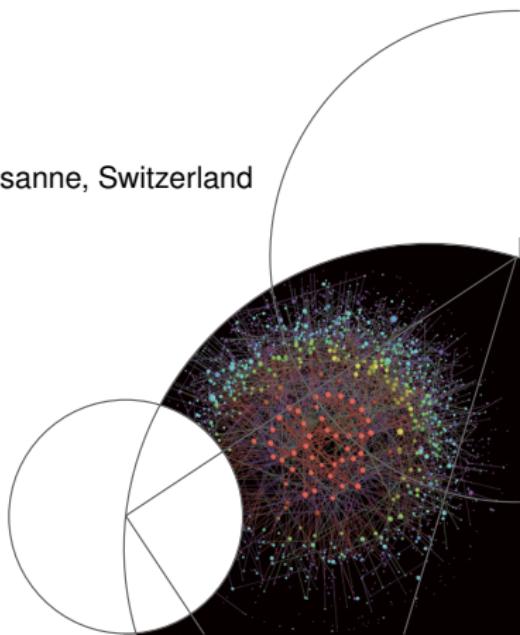
# Unveiling the organization of scientific publications using entropy

Alessio Cardillo

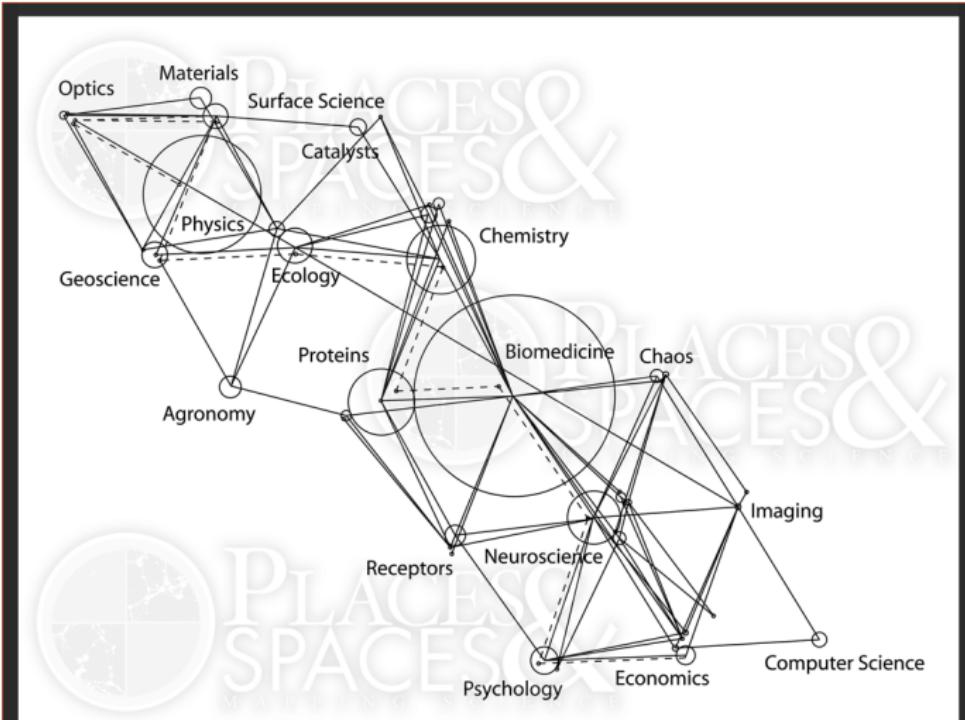
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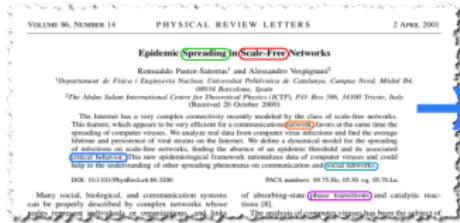


# Mapping Science



PHILADELPHIA, PA, 1999  
Courtesy of Henry Small, Thomas Reuters

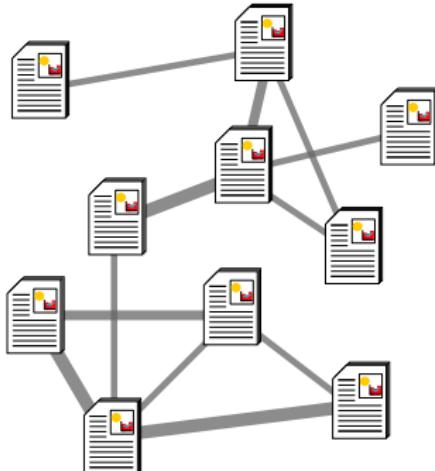
# Networks of similarity between papers



(a)  
Scale-Free  
Social network  
Phase transition  
Network  
Spreading



(c)



# Community/topic detection

Data: Phys2013  $w_{\min} = 0.01$

