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*Forthcoming*

Complex systems pervade our real world, from social systems to genome dynamics. All these systems are characterized by the presence of emergent phenomena: New properties emerge from the interactions of simpler units and are not reducible to the properties of the latter. The natural description of complex systems involves a network view, where each system is represented by means of a web. Such graphs have been shown to share surprisingly universal patterns of organization, indicating that fundamental laws of organization also pervade complexity at multiple scales.