

Art-Science in the 21st Century
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Abstract

Art and Science share many common features as the high-form of expression of human creativity, yet the bridge between the practitioners from either side appears as high as ever. In this talk we discuss recent efforts to cross the bridge and the subsequent developments taking place at GSCT from many directions including computation, machine intelligence, complexity science, and human cognition.

Biography

Ever since earning his Ph.D. in statistical physics from University of Michigan-Ann Arbor, Juyong Park has worked extensively on modeling complex systems using network science and complex data sets in bioinformatics, social systems, competition systems, and now cultural systems. He is the co-inventor of the “Wolverine Method” for ranking US college football teams. He is focused now on understanding and quantifying human creativity from large data sets of cultural and artistic creations.