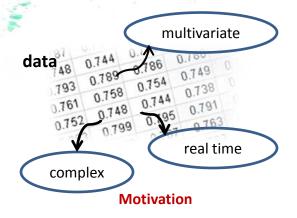
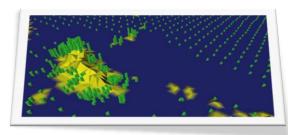
Large Dataset at a Glance

Using Particle System for Scientific Visualization

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Other techniques



Insufficient number of attributes

Particle System?

Technique to simulate fuzzy phenomena Examples: Fire, Explosions, Smoke, Water, Sparks, Leaves, Clouds, Fog, Snow, Dust

Particle Attributes

Size, Shape, Density, Color, Life cycle, Direction, Velocity, spread, gravity, turbulence, granularity, and more

Data Set

people moving into, out of, or through a space.

Goal

- 1. How particle attributes can be used to show structure?
- 2. Which particle attributes are effective in visualizing the dataset?
- 3. How much visual interference occurs between each of the attribute dimensions?
- 4. How much variation can one have to minimize any loss of information?

Future Work

Study other particle attributes



