Rethinking interactions among the constituents of complex systems

THE CASE FOR LATENT HYPERBOLIC GEOMETRY

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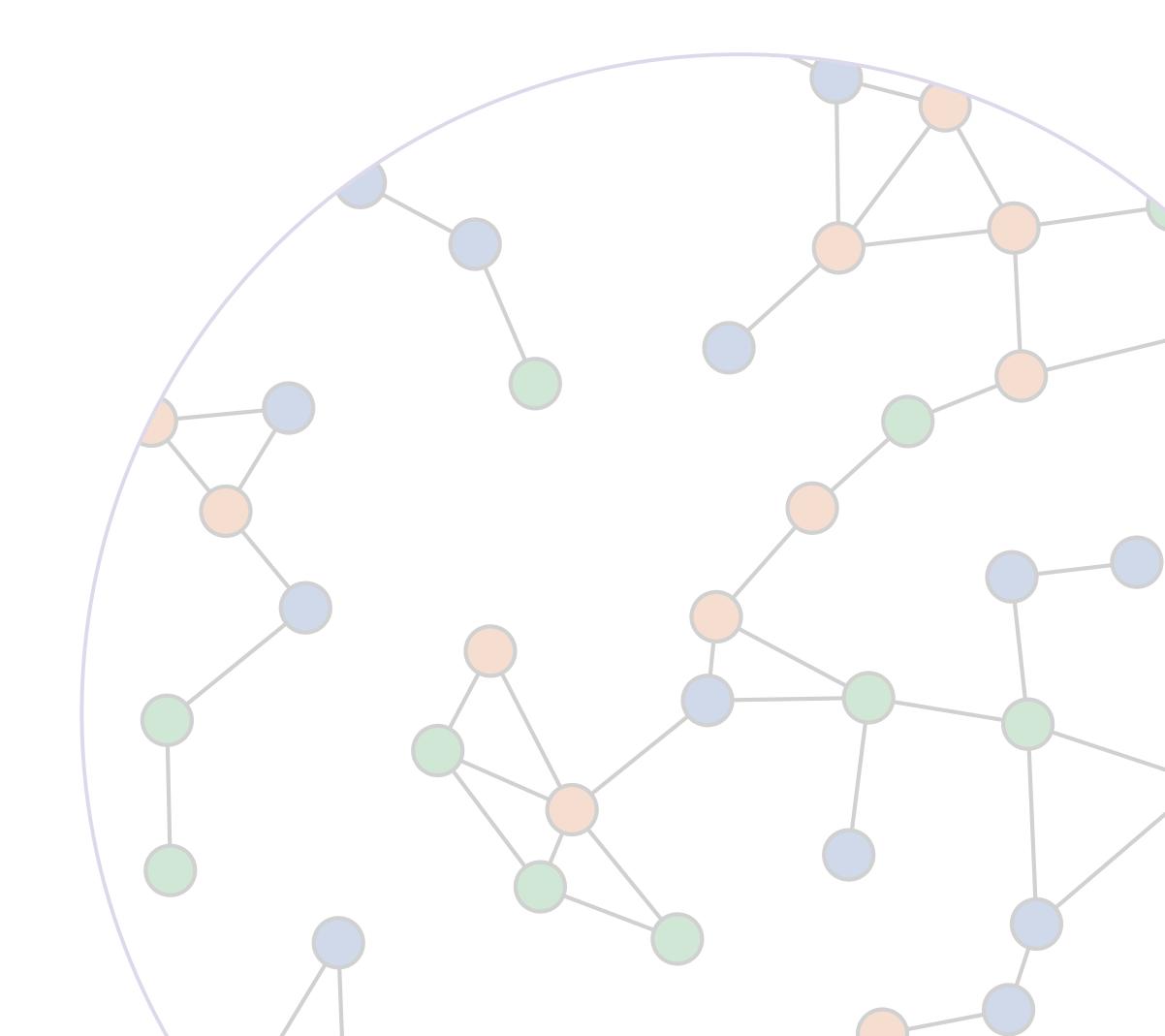












Outline

- 1. Why models and the challenge of clustering
- 2. A geometric approach to clustering
- 3. Euclid and hyperbolic geometry
- 4. A hyperbolic solution to clustering
- 5. Rethinking interactions: the case of directed graphs
- 6. Rethinking interactions: the case of modular structure