

Abstract Submitted
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Electrochemical Growth of Ag Junctions and Diffusion Limited Aggregate (DLA) Fractal Simulation ZAK OLSON, SAM TUPPAN, WOO-JOONG KIM, Seattle Univ, SEATTLE UNIVERSITY TEAM — We attempt construction of a single atom connection between two copper wires. By applying a DC voltage across the wires when immersed in a silver nitrate solution, we deposit silver until a junction is formed. The deposited silver forms a fractal structure that can be simulated with a diffusion limited aggregation model.

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