

Samanvaya Srivastava

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Dear Prof. Medina-Noyola,

I am an assistant professor in the Department of Chemical and Biomolecular Engineering at the University of California, Los Angeles (UCLA). The research of my group focuses primarily on harnessing self-assembly as a tool for materials design. We are particularly interested in the role of electrostatic interactions, and our work spans from molecular design and synthesis to fabrication characterizations of nano-, micro-, and macro-scale materials, with applications in consumer products (such as cosmetics, adhesive, and coatings), biomedical and biochemical industries, construction materials and 3D printing.

From this perspective, I highly value Monte Caldera technologies' proposal for leveraging the first-principles theory of the aging of glass- and gel-forming liquids (referred to as the NE-SCGLE theory), to provide a fresh and innovative scientific perspective to the technological problem of modeling and predicting the properties of non-equilibrium amorphous materials.

The proposed technology has great potential for applications in accelerating the design of advanced materials in many applied fields, such as those mentioned above. I definitely support your efforts and I will be very interested in being one of the first users of this technology in my own research.

Sincerely,

Samanvaya Srivastava

Assistant Professor,

UCLA Chemical and Biomolecular Engineering