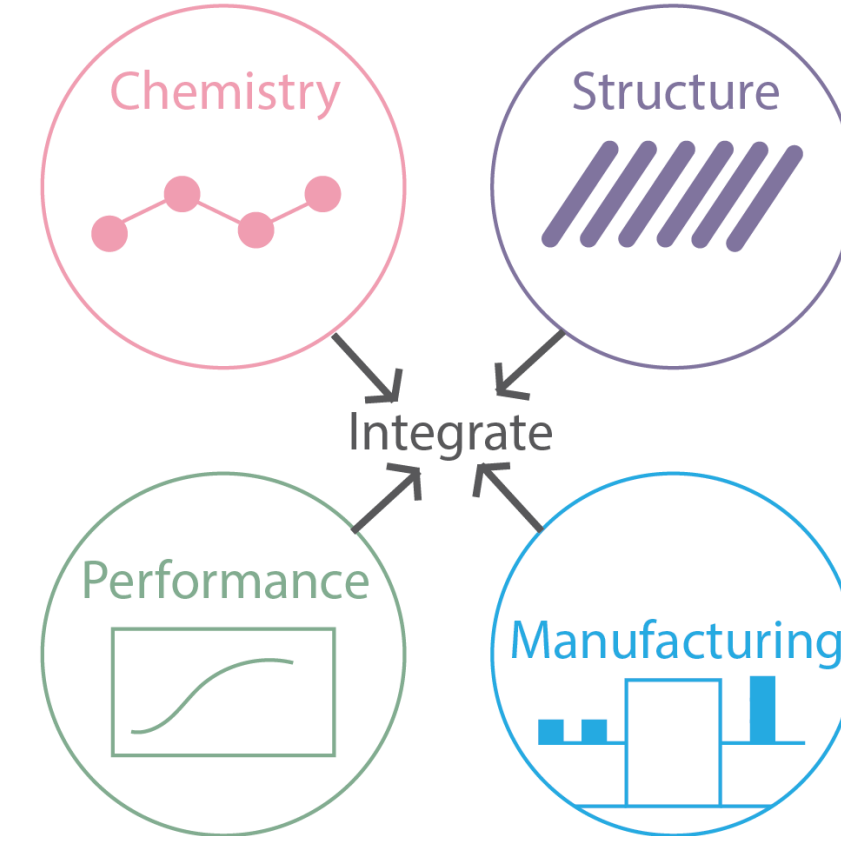
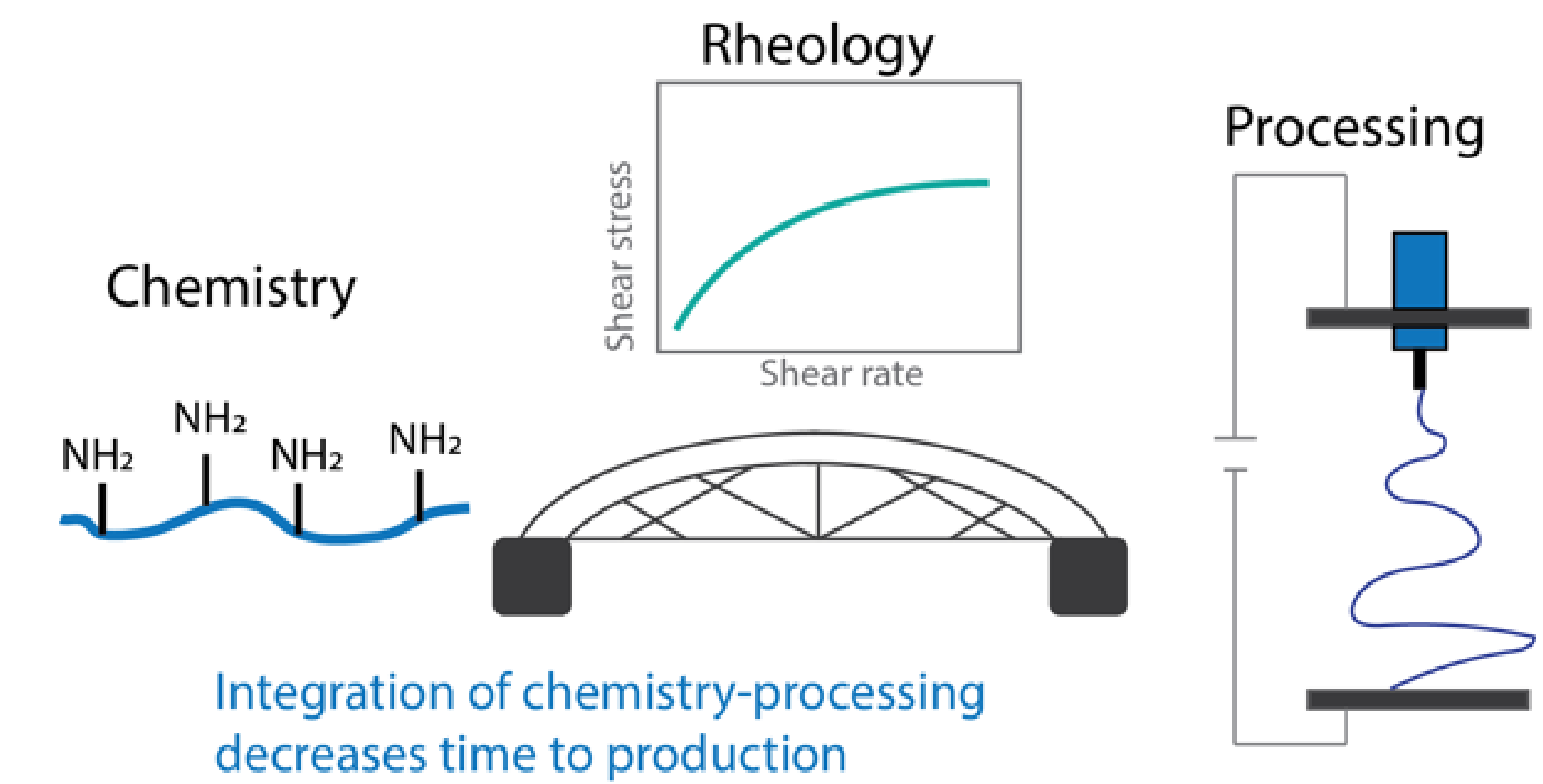


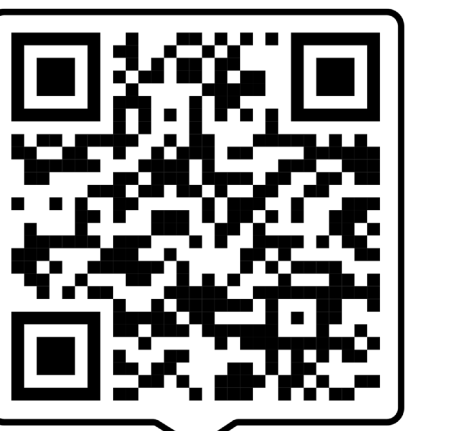
**Product and Process Development** for complex systems



**Research Focus:**  
Link molecular to micron scale phenomena to processing and multicomponent complex mixtures to **enable rapid product development**



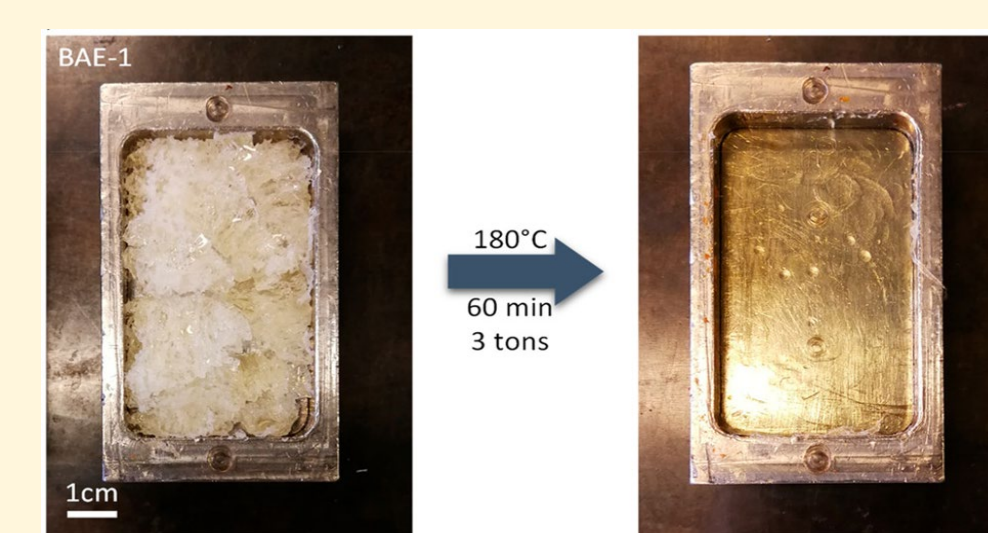
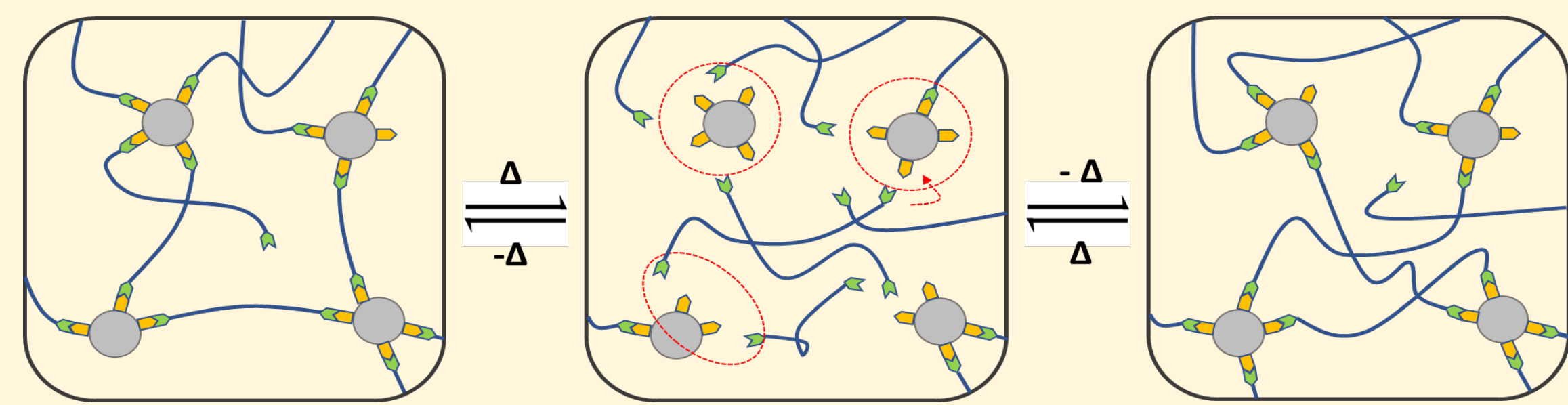
**For More Details...**



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**POLYMER SUSTAINABILITY**

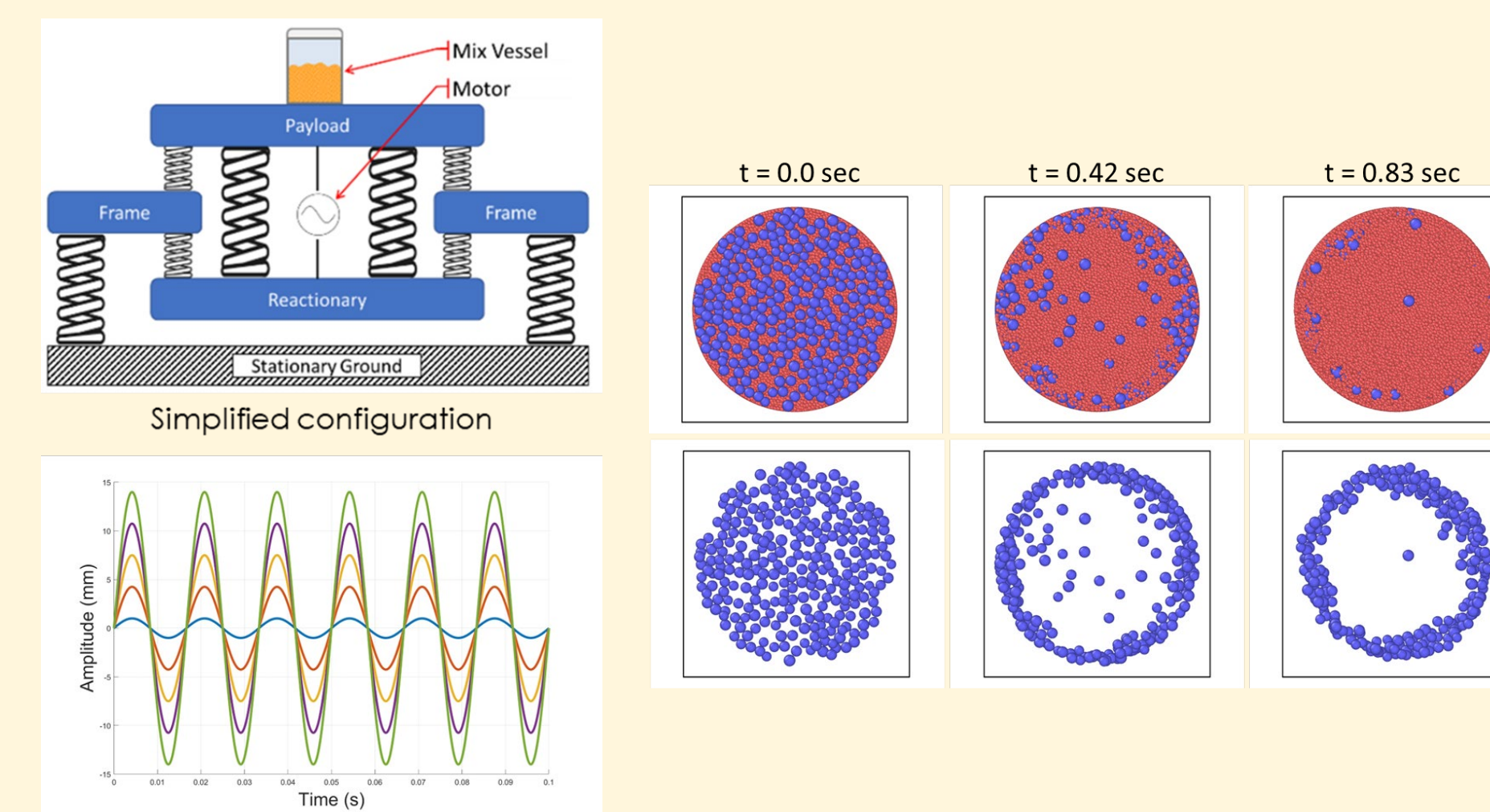


Polymer composites

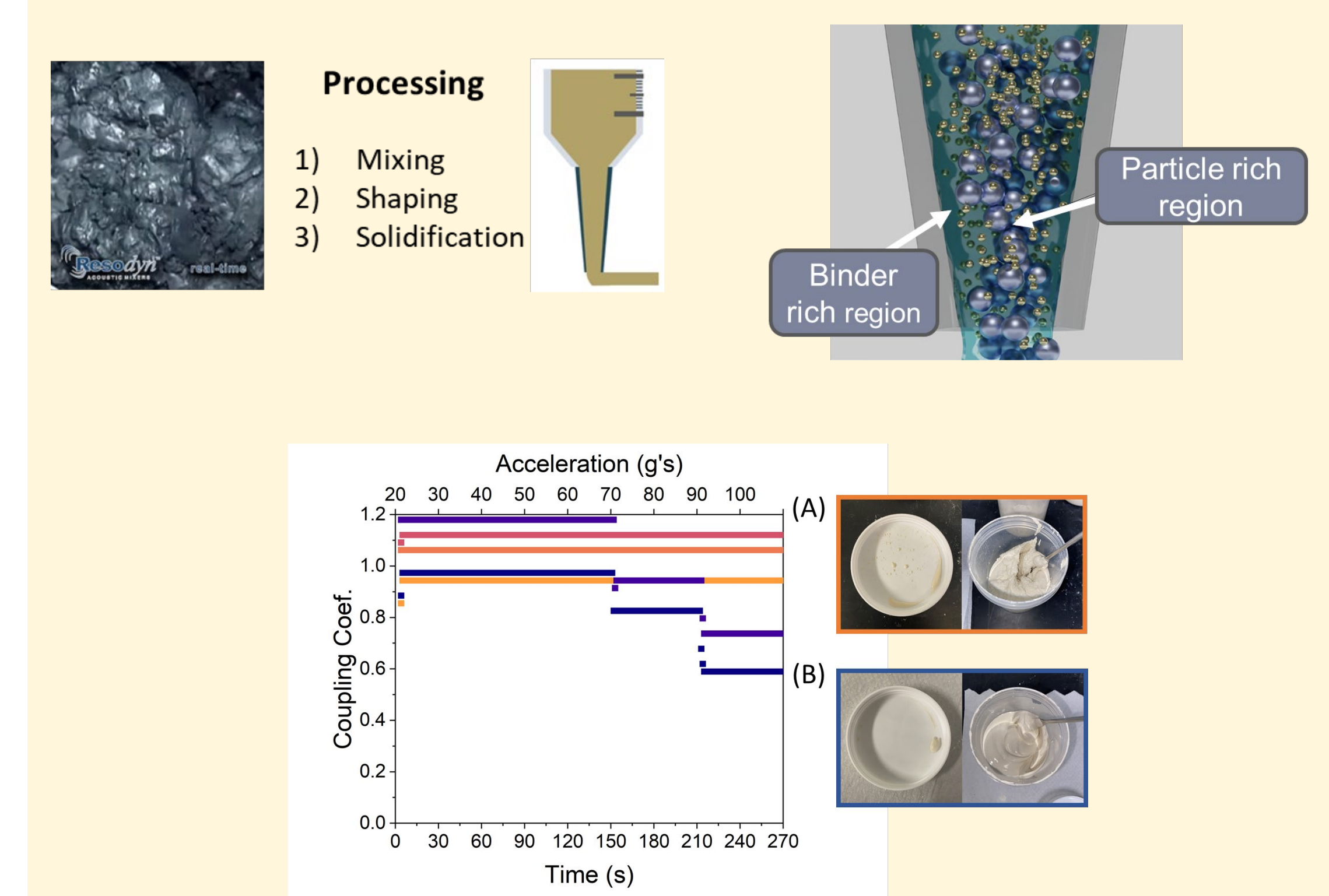
Design of chemically recyclable and depolymerizable polymers



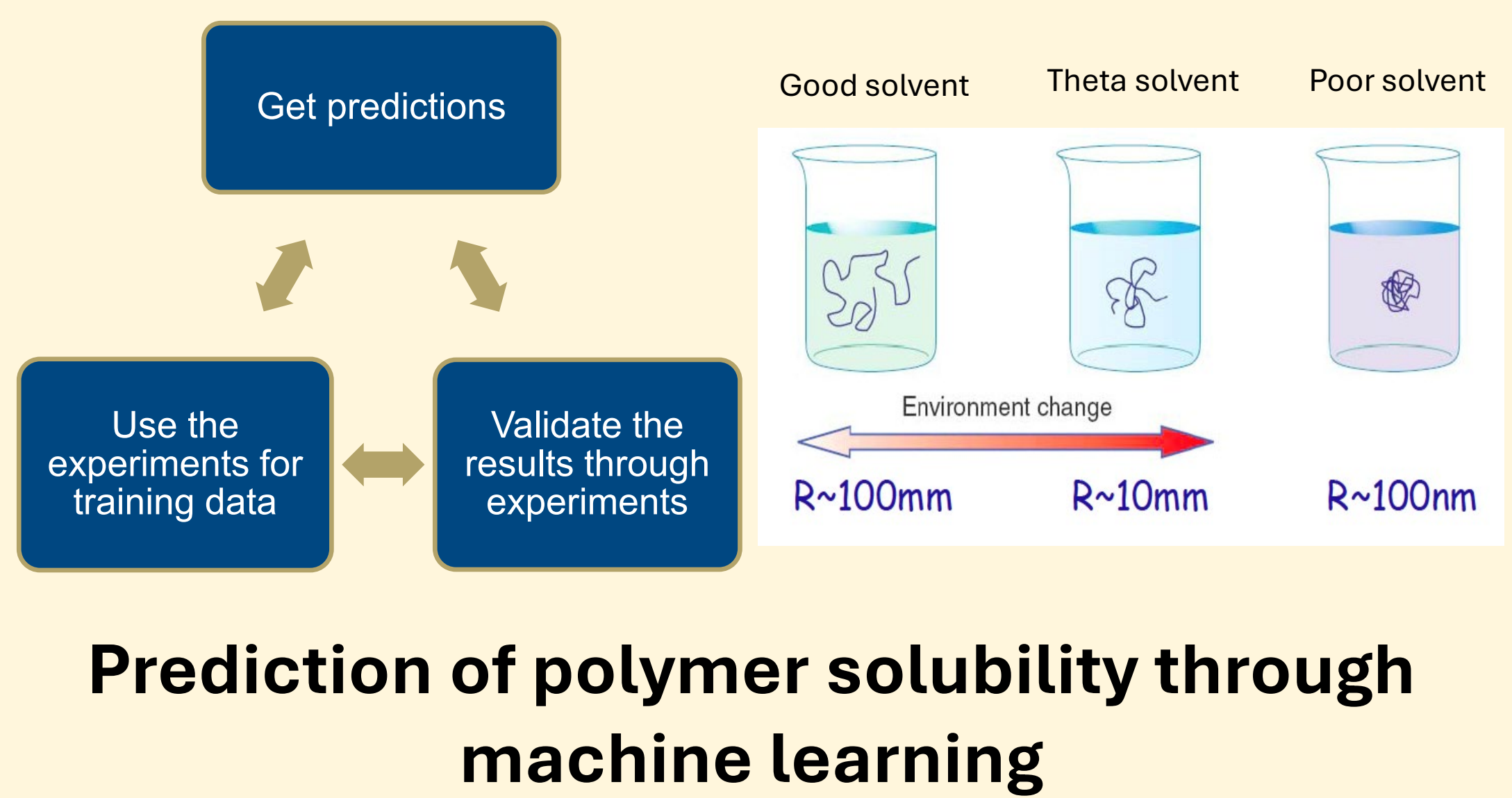
**SOFT MATERIALS & FUNCTIONAL COMPOSITES**



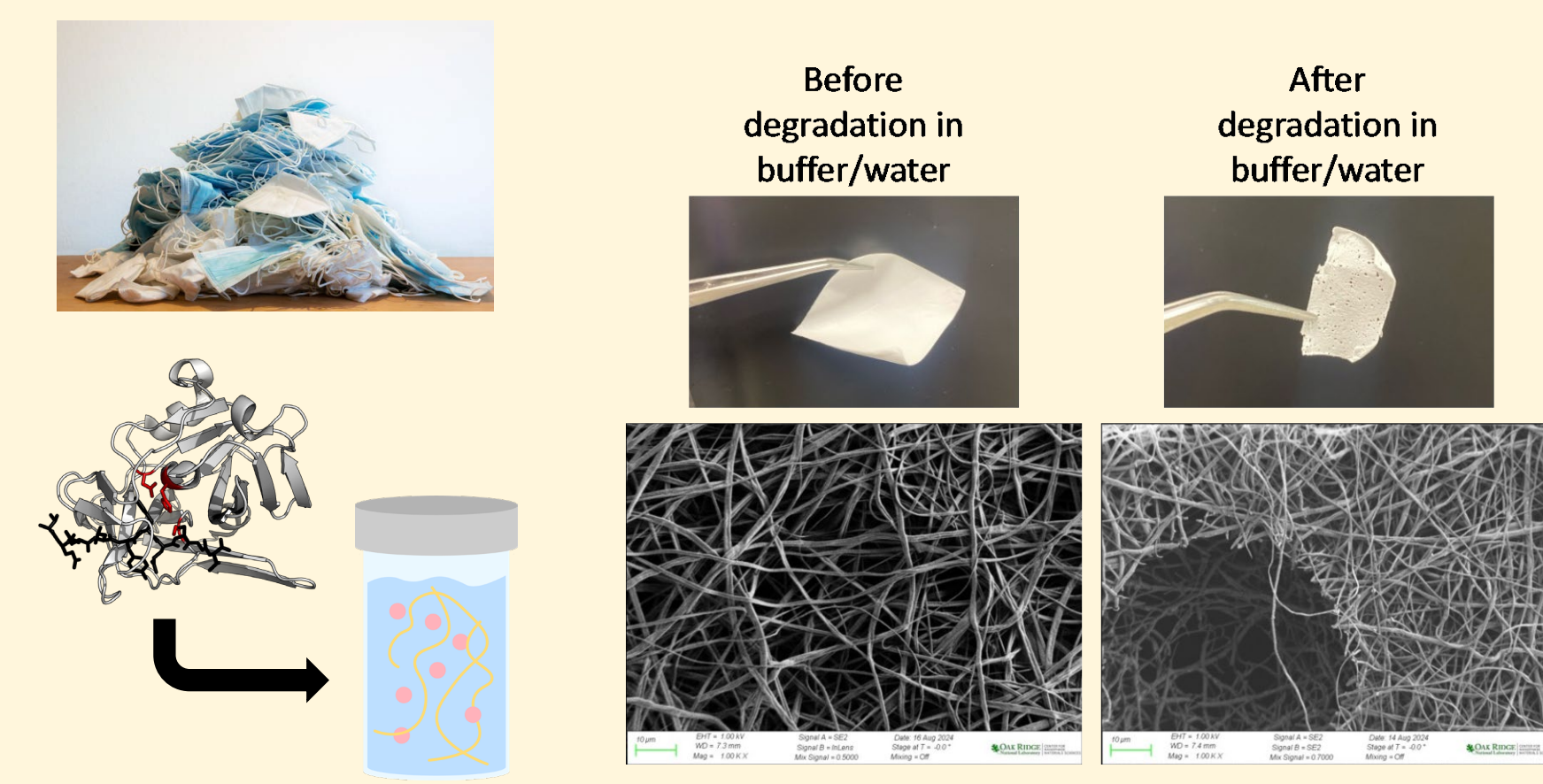
Segregation and agglomeration of granular materials in a resonant acoustic mixer



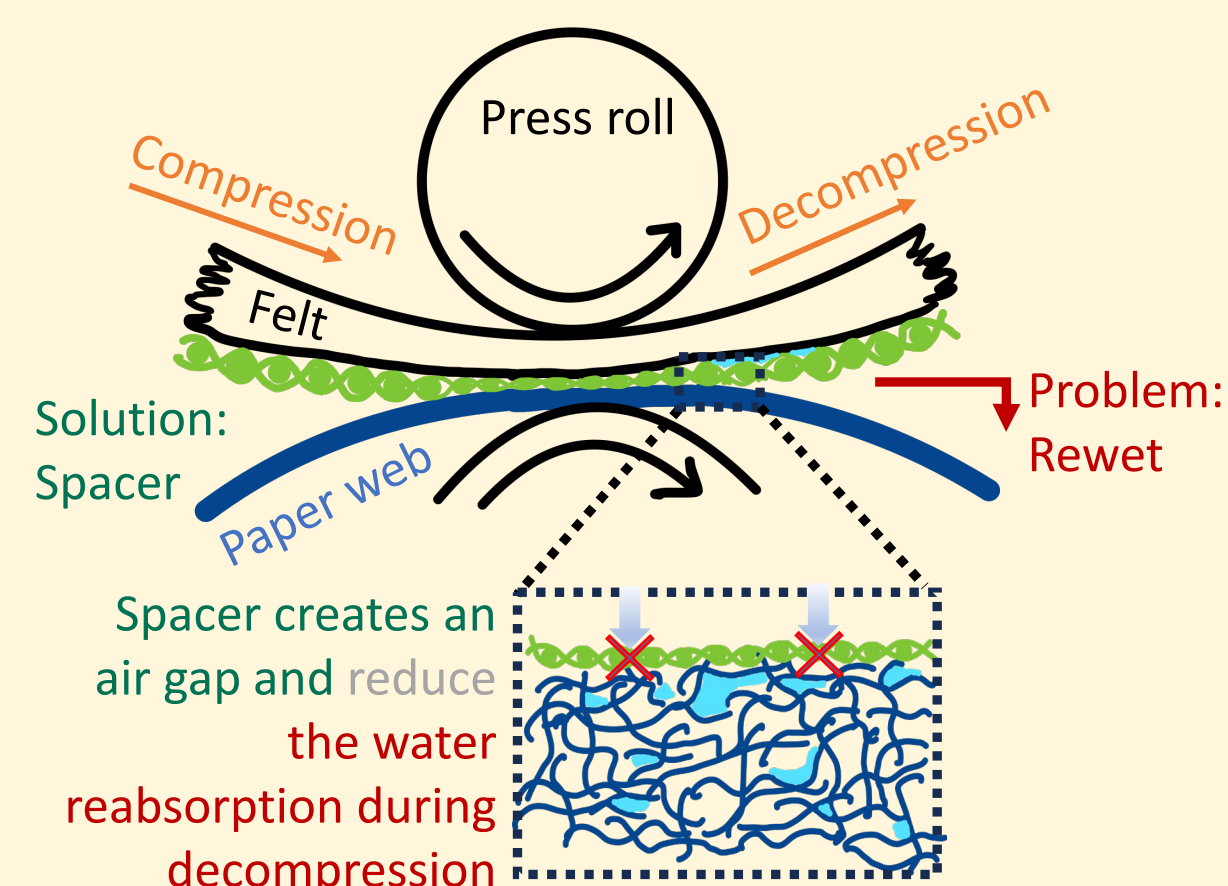
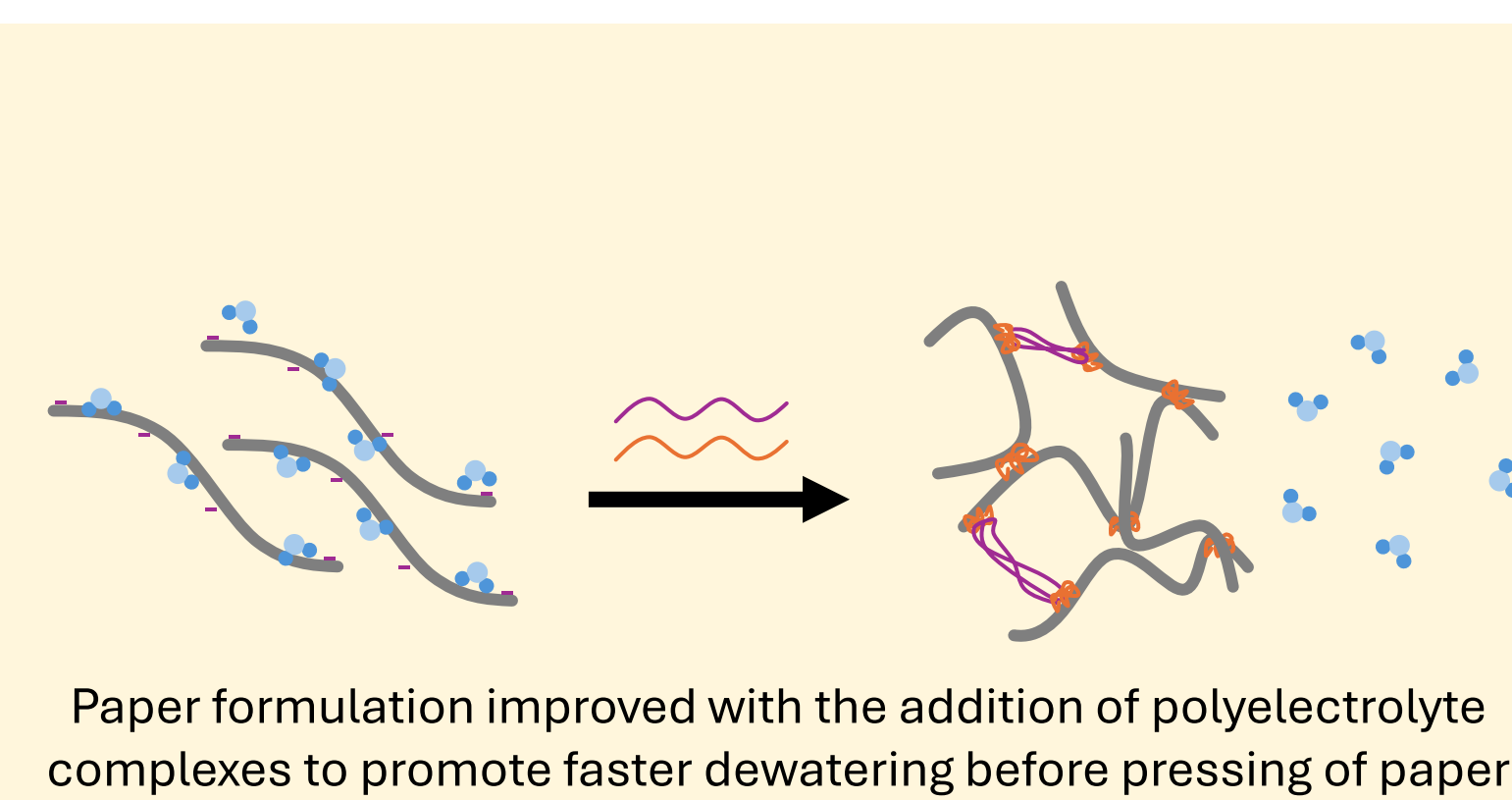
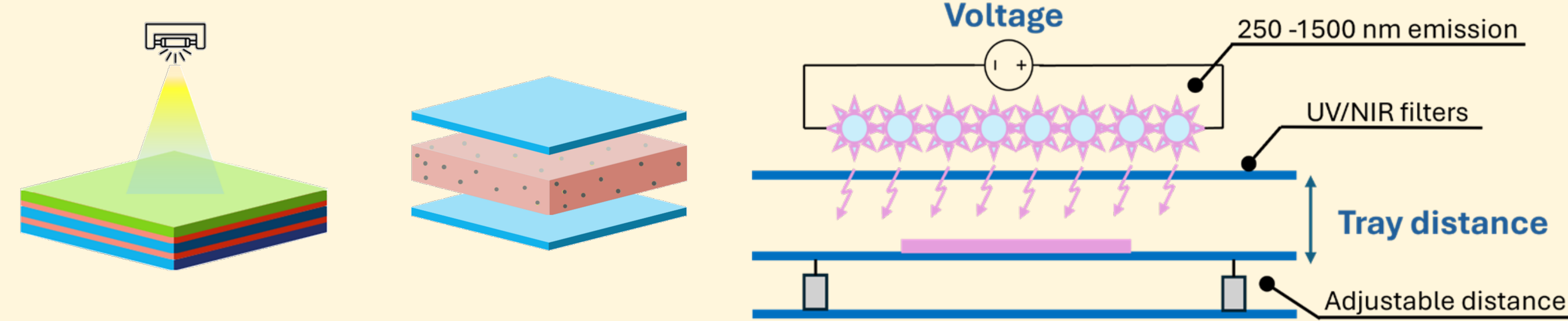
Formulation and processing relationships for functional composites



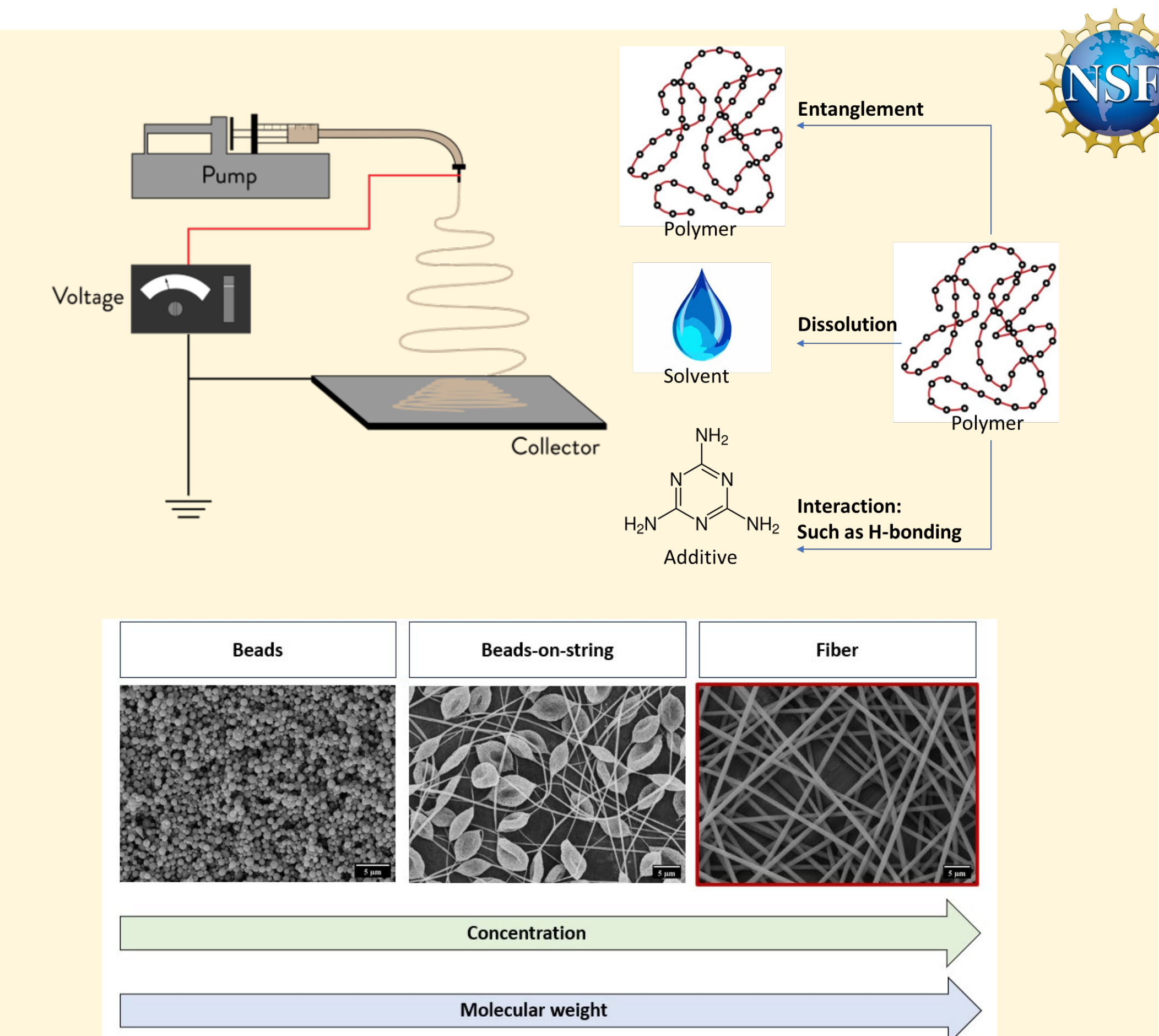
Sustainable materials and designs for advanced electrospinning



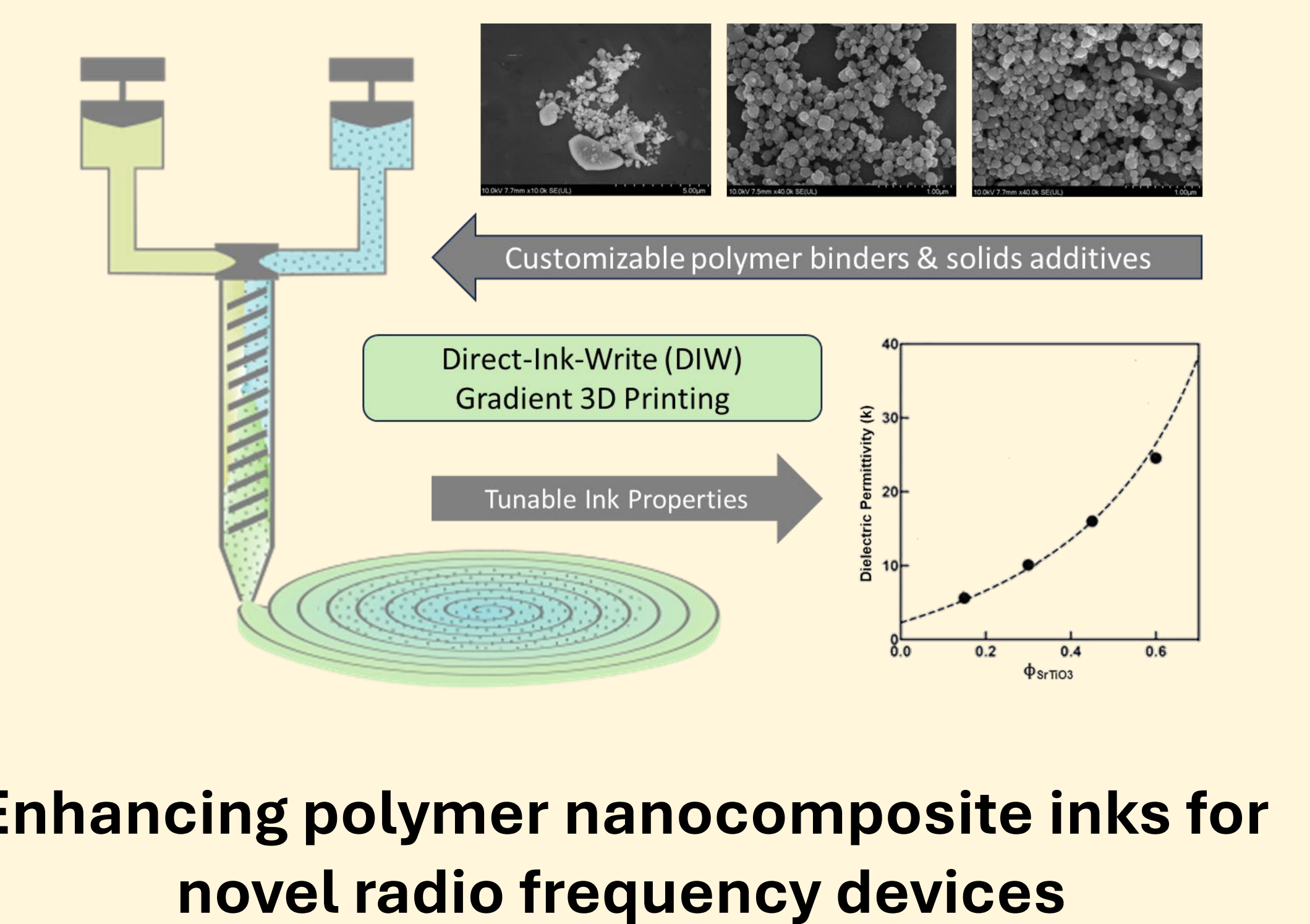
Multi-layer plastics delamination through electromagnetic radiation



Improving the dewatering efficiency of the industrial paper manufacturing process



Tailoring solution variables to electrospin the "unelectrospinnable"



Enhancing polymer nanocomposite inks for novel radio frequency devices