

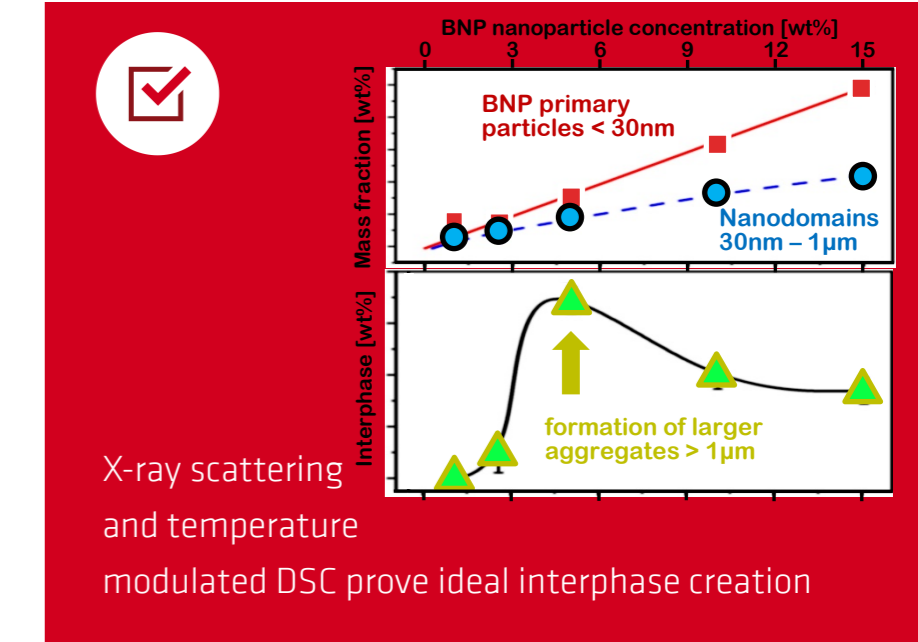
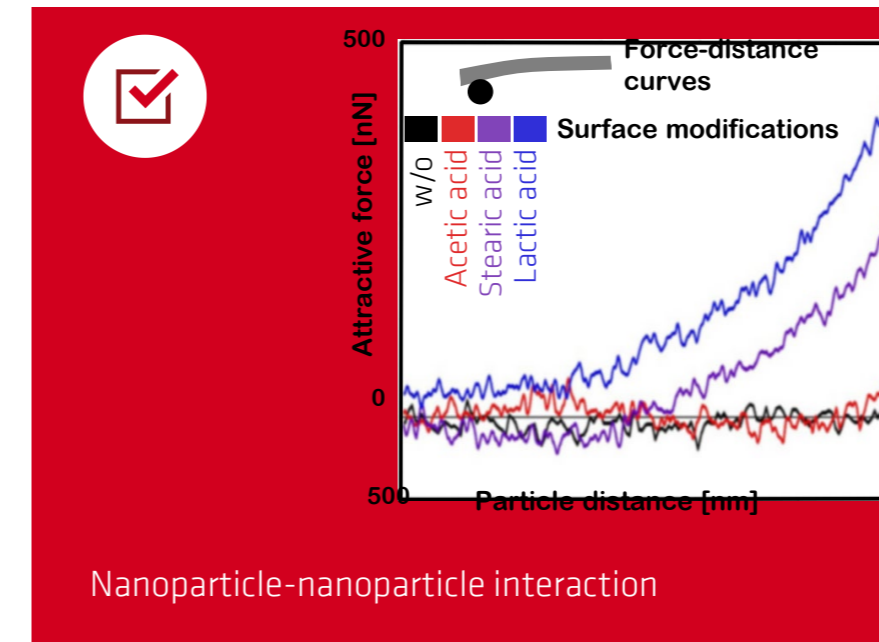
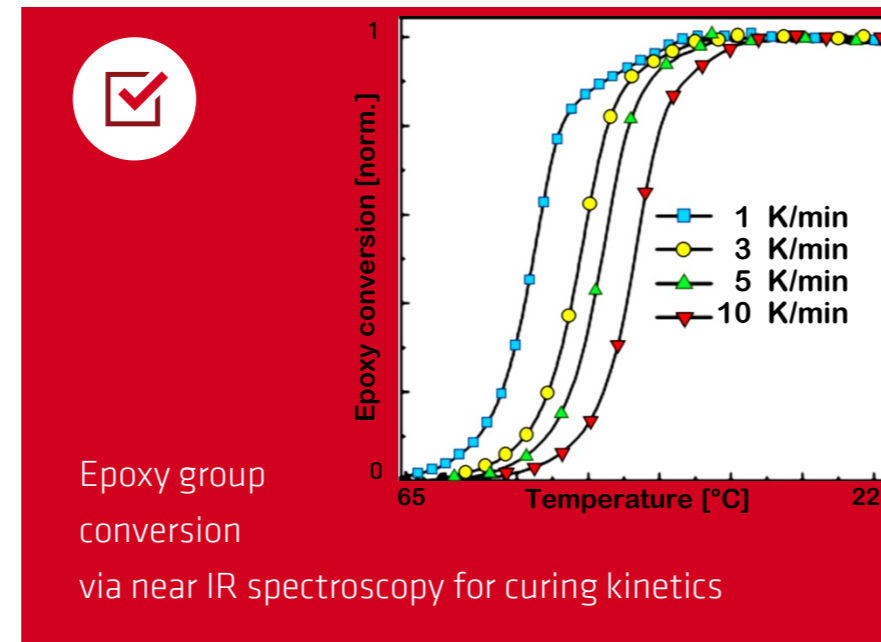
Analysis and control of interphase heterogeneity in nanocomposites: A journey to new materials for lightweight constructions with increased modulus and fracture strength

Division Physical and Chemical Analysis of Polymers

Ingredients of a typical Thermoset Nanocomposite

Boehmite unit cell

Curable components

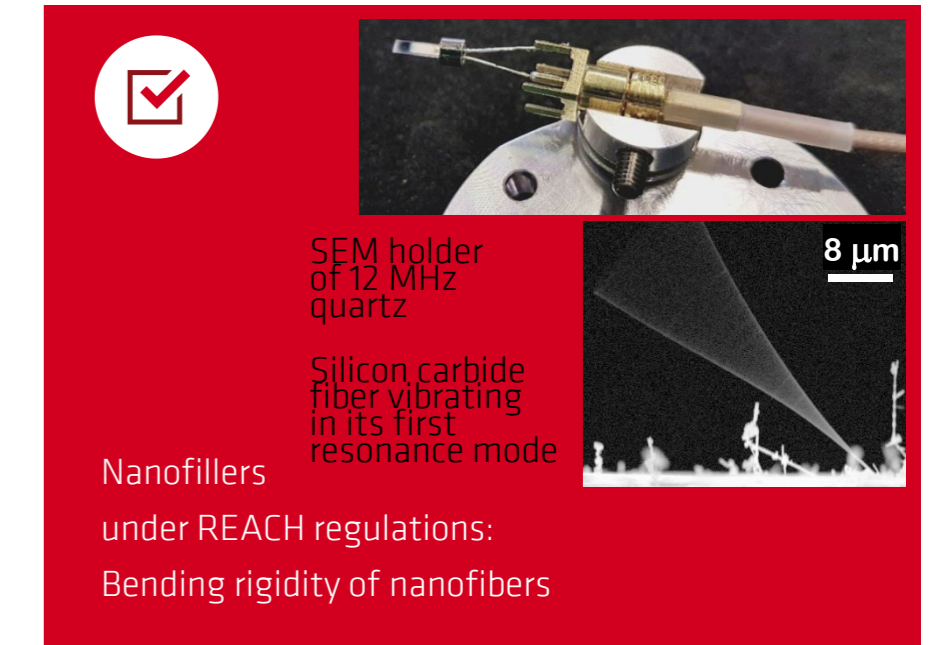
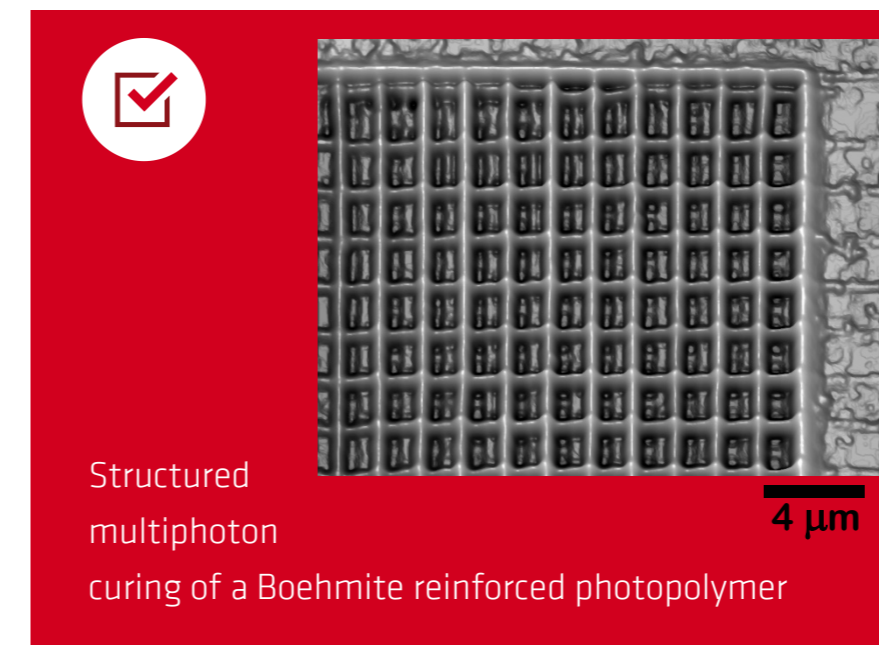
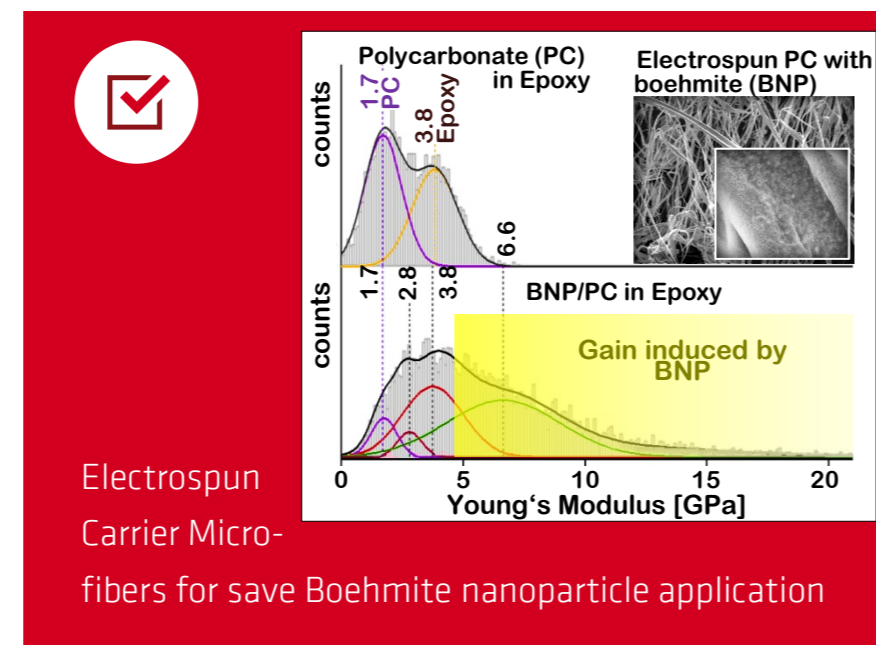
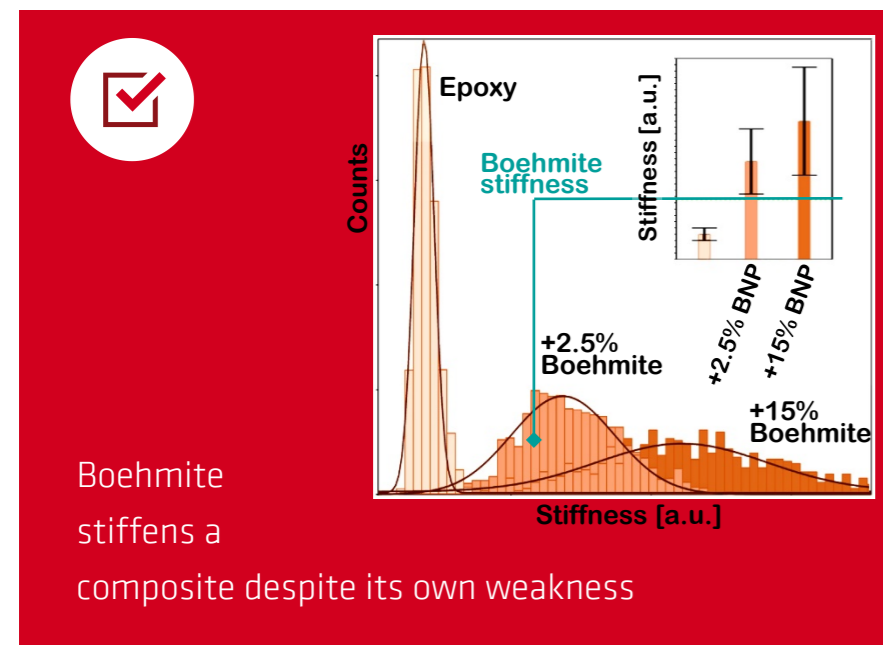


Conclusion

New materials of this kind help to overcome the climate crisis. Comparing the properties of nanocomposites from the molecular scale via nano and micro to the macroscopic scale, then one understands interfaces and interphases as a material in their own right. New materials of this kind help to overcome the climate crisis.

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