

Martin Luther University Halle-Wittenberg  
Center of Engineering Sciences

*Polymer Engineering*  
*Prof. Dr.-Ing. H.-J. Radusch*

*Offer of Project Work Topics*  
*for*  
*Applied Polymer Science Students*

<i>No.</i>	<i>Topic</i>	<i>Supervisor</i>	<i>Student</i>	<i>Status</i>
44	Comparative analysis of physical and mathematical models treating the tensile deformation of semi-crystalline polymers in creep and stress relaxation experiments	Dr. Kolesov		available
46	Linear thermal expansion behavior of thermoplastic elastomers on the basis of dynamic vulcanizates	Dr. Le		available
59	Deformation behaviour of Polylactide (PLA)	Dr. Wutzler		available
67	Compatibilization in heterogeneous biodegradable polymerblends	DI Hähndel		available
68	Crosslinking of synthetic and natural polyesters	DI Hähndel		available
71	Rapid prototyping by selective LASER sintering: Effect of surface tension, viscosity and coating on coagulation of melt droplets. A literature study	Dr. Fiedler		available
77	Silanes in silica/rubber compounds	Dr. Le	Jobby Paul	in process
78	Structure, crystallization and melting of crystallizable oligomers	Dr. Androsch		available
79	Carbon Nano Tubes in technical applications	Dr. Le/ Dr. Ilisch		available
80	Online conductance as a method for the characterization of the compounding process of polymer materials	Dr. Le		available
81	Structure-property relationships of TPV-thermoplastics blends	Dr. Wutzler		available

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