

- mechanical and electrical properties. *Progress in Polymer Science* 2010; 35: 357-401.
7. Gil Min B, Chae HG, Minus ML, Kumar S. Polymer/carbon nanotube composite fibers - An overview. *Functional Composites of Carbon Nanotubes and Applications* 2009: 43-73.
 8. Prashantha K, Soulestin J, Lacrampe MF, Krawczak P, Dupin G, Claes M. Masterbatch- based multi-walled carbon nanotube filled polypropylene nanocomposites: Assessment of rheological and mechanical properties. *Composite Science and Technology* 2009; 69: 1756-1763.
 9. Pötschke P, Bhattacharyya AR, Janke A. Carbon nanotube-filled polycarbonate composites produced by melt mixing and their use in blends with polyethylene. *Carbon* 2004; 42: 965-969.
 10. Carponcin D, Dantras E, Aridon G, Levallois F, Cadiergues L, Lacabanne C. Evolution of dispersion of carbon nanotubes in Polyamide 11 matrix composites as determined by DC conductivity. *Composites Science and Technology* 2012; 72: 515-520.
 11. Warlimont M. *Springer Handbook of Condensed Matter and Material*. Data Springer Berlin, 2005, p. 501.
 12. Mago G, Kalyon DM, Fisher FT. Nanocomposites of Polyamide-11 and Carbon Nanostructures: Development of Microstructure and Ultimate Properties Following Solution Processing. *Polymer Physics* 2011; 49: 1311-1321.
 13. Moniruzzaman M, Winey KI. Polymer Nanocomposites Containing Carbon Nanotubes. *Macromolecules* 2006; 39: 5194-5205.
 14. Pötschke P, Bhattacharyya AR, Janke A. Melt mixing of polycarbonate with multiwalled carbon nanotubes: microscopic studies on the state of dispersion. *European Polymer Journal* 2004; 40: 137-148.
 15. Villmow T, Pötschke P, Pegel S, Häussler L, Kretschmar B. Influence of twin-screw extrusion conditions on the dispersion of multi-walled carbon nanotubes in a poly(lactic acid) matrix. *Polymer* 2008; 49: 3500-3509.
 16. Logakis E, Pollatos E, Pandis Ch, Peoglos V, Zuburtikudis I, Delides CG, Vatalis A, Gjoka M, Syskakis E, Viras K, Pissis P. Structure-property relationships in isotactic polypropylene/multi-walled carbon nanotubes nanocomposites. *Composites Science and Technology* 2010; 70: 328-335.



AACHEN DRESDEN
INTERNATIONAL TEXTILE CONFERENCE

Aachen, November 28-29, 2013

Adding function and value

addressing experts from

- **Textile Technology - Chemistry and Engineering,**
- **Medical technology,**
- **Membrane technology,**
- **Fibre composites**

Organisers:

DWI of the RWTH Aachen e.V.

and

Institut of Textilmachines and Technique of High-Performance Materials of the TU Dresden, ITM in cooperation with further 9 Universities and Research Centres.

The programme Committee is represented by 30 Outstanding Researchers and Managers of Germany Universities and Industry.

Plenary talks and special symposia on

- **Textiles for health care**
- **Electronic functionalities in textiles**
- **Sustainability and productivity**
- **New textile machinery concepts**
- **Comfort and luxury**

Contact for 2013: Dr. Brigitte Küppers,

DWI an der RWTH Aachen e.V.

E-mail: aditc2013@dwi.rwth-aachen.de,

Tel.: +49 (0)241 80-233-36

Further Information:

www.aachen-dresden-itc.de