

Thursday, 26 SEPTEMBER

Morning Session

**MS03 FP7-BY NanoERA: Institutional Development
of Applied Nanoelectromagnetics**

Room 3

Chairman: *R. Kotsilkova*

9:00	E. Ivanov, I. Petrova, Y. Tsekov, R. Kotsilkova, S. Cimmino, C. Silvestre, A. Duraccio, M. Pezzuto ATOMIC FORCE MICROSCOPY INVESTIGATION COMBINED WITH DIELECTRIC RELAXATION SPECTROSCOPY OF EPOXY RESIN REINFORCED WITH ORGANOCLAY AND
9:20	P. Kuzhir, J. Macutkevic, S. Maksimenko, E. Ivanov, R. Kostilkova, A. Celzard, S. Belucci, J. Zicans, Ph. Lambin EPOXY COMPOSITES WITH CARBON FILLERS OF HIGH SURFACE AREA: ELECTROMAGNETIC, MECHANICAL AND THERMAL PROPERTIES
9:40	S. Maksimenko ELECTRODYNAMICS OF CARBON NANOTUBES: PRINCIPLES, APPLICATIONS AND OPEN QUESTIONS
10:00	E. Ivanov, I. Petrova, Y. Tsekov, R. Kotsilkova, S. Cimmino, C. Silvestre, D. Duraccio, M. Pezzuto INFLUENCE OF ORGANO-CLAY AND MWCNT ON STRUCTURE, THERMAL AND MECHANICAL PROPERTIES OF PP/MWCNT/OC NANOCOMPOSITES
10:20	R. Kotsilkova, E. Ivanov, D. Bychanok, A. Paddubskaya, P. Kuzhir EFFECTS OF MATRIX VISCOSITY AND ADDITIVES ON RHEOLOGY, ELECTRICAL AND MICROWAVE PROPERTIES OF POLYMER NANOCOMPOSITES WITH MULTIWALL CARBON NANOTUBES