



Properties and characterisation of bituminous systems

Lecturer: prof. Javier Navarro Dominguez (University of Huelva, Spain)

Course description:

This lecture deals with the characterization of several bituminous systems: neat and modified bitumen for both road and roofing applications.

The characterization is mainly focused on the rheological aspects but also includes:

- Technological properties
- Microstructural characterization: SEM, AFM, optical microscopy
- Thermal characterization: MDSC, TGA

In addition, different methods for bitumen modification are described:

- Thermoplastic polymers and elastomers
- Thermosetting polymers: crumb tire rubber, etc
- Reactive polymers
- Other modifiers

TERMINY WYKŁADÓW			
Data	Dzień tygodnia	Godzina	Sala
17 czerwiec 2013	poniedziałek	9-12	LUWR (Chemia A)
18 czerwiec 2013	wtorek	9-12	LUWR (Chemia A)
19 czerwiec 2013	środa	9-12	LUWR (Chemia A)
20 czerwiec 2013	czwartek	9-12	LUWR (Chemia A)
21 czerwiec 2013	piątek	9-12	LUWR (Chemia A)