



Time series modelling of traffic safety trends

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Short description of the lecture (up to 10 sentences):

Two lectures (2x2,5h) will be given:

1. Theory and techniques: presentation of existing techniques in the cases of descriptive or explanatory analysis; techniques applied to stationary or non-stationary processes; forecasts

2. Applications: Examples of applications to traffic and to road risk analysis will be given, taken from the available literature. Results will be discussed and appropriate software recommended.

Two workshops (2x5h) will also be held:

1. Time-series modeling techniques appropriate for the regional level road safety analysis in Poland

2. Socio-economic factors influencing road safety - models for Poland and other European countries/regions

Syllabus of the lecture subjects (enlisted):

1. The road risk process
2. Risk indicators and risk factors
3. Structures of time-series models
4. Descriptive models
5. Explanatory models

Terminy wykładów			
Data	Dzień tyg.	Godzina	Sala
2015-12-14	Pn	16.15-21.00	WETI A EA 06/08
2015-12-15	Wt	16.15-21.00	WETI A EA 06/08
2015-12-18	Pt	16.15-21.00	GG 63