### Sensing the population rhythmicity

Prof. Petr Kubicek

Nemoforum Vice-Chairman; Masaryk University Brno, Czech Republic

Abstract:

Spatio-temporal distribution, movements, and behaviour of population within the city environment derived from the mobile phone data play a key role in decision making for urban developers. Human presence and rhythmicity play both active and passive role also in the emerging (geo) smart city concept. In this talk, I will further discuss the role of citizens as sensors, methodology for multilevel spatio-temporal human presence patterns recognition and visualization. Several pilot studies combining the spatial patterns with other data sources will be introduced in the end.