

# Management and road operation

## Traffic engineering

### Targeted audience

Managers from

- local authorities in charge of traffic management, road operation and infrastructure management,
- industrial sectors connected with developing road information,
- public and private specialised engineering and design departments,
- motorway companies,
- national authorities in charge of road information.

### Objectives

To organise the collection and the exploitation of necessary data.

To know and use useful methodologies.

To choose and implement relevant traffic models.

To know relevant tools (crossroad traffic light, variable message sign, CIR...), in order to favour their implementation and the help decision making.

To organise road user information development and exchanges with all stakeholders.

<b>Paris</b>	<b>From Monday 21<sup>th</sup> may to Friday 1<sup>st</sup> june 2007</b>	Inscriptions : Tél : +331 4251 6116 Fax : +331 4251 6131	<b>Session n°47007</b>	4 500 €+ TVA Lunch included
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**Coordination :** M. Simon COHEN / *INRETS – METATM*  
M. Jacques NOUVIER / *CERTU*

**Leader :** Jean-Olivier LAVAL / *Consultant Associé - Ponts Formation Edition*

### monday 21<sup>th</sup> may

#### Traffic engineering principles

Basic data and applications  
Traffic road flows  
Travel time and their different applications

M. COHEN

### tuesday 22<sup>th</sup> may

#### Data collecting

Complete overview for data collecting :  
Standard ones (survey, etc...)

M. BAILLET  
CETE Bordeaux

#### Data collecting

Complete overview for data collecting :  
New technologies (contributions and prospects, SIREDO's chain and their applications image's processing of traffic)

M. BOUR  
CETE Metz

### wednesday 23<sup>th</sup> may

#### Road information

M. CAUBET  
SETRA

### thursday 24<sup>th</sup> may

#### Traffic engineering in inter-urban area

Control demand in inter-urban area  
Plans for road management  
Traffic engineering  
Incidents management  
Road operation duties and implementation

M. MURARD  
CETE Lyon

### friday 25<sup>th</sup> may

#### Visit of Lutece

Paris traffic area regulation  
Voirie de Paris

### monday 28<sup>th</sup> may

#### Road operation in peripheral urban area

Management of network  
Access regulation  
Speed regulation  
Automatic incidents detection  
Incident management and interventions

M. COHEN

### tuesday 29<sup>th</sup> may

#### Roadsigns contribution

- fixed roadsigns

M. MAKHLOUFI  
CERTU

#### Roadsigns contribution

- variable roadsigns

M. NOUVIER

### wednesday 30<sup>th</sup> may

#### Traffic engineering in urban area

Crossroads management with lights  
Different systems, tools  
Road use : different uses, parking  
Management of traffic nuisance

#### Look towards the futur

M. NOUVIER

### thursday 31<sup>th</sup> may

#### Visit of Nanterre

Paris traffic area regulation

Voirie de Paris

### friday 1<sup>st</sup> june

#### Assessment and diagnosis

Traffic map : global diagnosis  
Assessment of downgraded situation  
The 12 stages method : general framework and examples  
Use practice in data collecting

M. COHEN