

**THE NARC ONE DAY PROFESSIONAL DEVELOPMENT COURSES 2010**

**APPLICATION FORM**

**I wish to attend the following:-**

- Condition Monitoring and Structural Investigation – Thursday 17<sup>th</sup> June 2010
- Higher-volume Hot-mix Recycling – Postponed
- Road Surface Treatments – Tuesday 14<sup>th</sup> September 2010
- Low Carbon Asphalt – Thursday 16<sup>th</sup> December 2010

NAME (Block Letters) \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

Telephone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Payment details**

Number of courses applied for  Tick if you are a NARC member

Total Fee £ \_\_\_\_\_

**Credit Card**

Please contact us for the appropriate document

**Cheque**

I enclose a cheque for the fully inclusive fee of £ \_\_\_\_\_  
(Make cheques payable to **The University of Nottingham**)

**Invoice**

Please invoice my company for the fee of £ \_\_\_\_\_  
(Quote company reference/purchase order number to be included on invoice)

Signed \_\_\_\_\_ Date: \_\_\_\_\_

Please state where you saw this course advertised: \_\_\_\_\_

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**The University of  
Nottingham**

University of Nottingham

Department of Civil Engineering

**THE NOTTINGHAM ASPHALT RESEARCH CONSORTIUM**

**AND**

**THE UNIVERSITY OF NOTTINGHAM**

*Present*

*The tenth series of*

*One-day Professional Development Courses*

*in Asphalt Pavement Engineering*

**2010**



# THE NOTTINGHAM ASPHALT RESEARCH CONSORTIUM

## About NARC

The Nottingham Asphalt Research Consortium (NARC) was formed in 1997 as a means of promoting dialogue and research between industry, public authorities and academia on matters of mutual interest in the general field of asphalt pavement engineering. It is based at the University of Nottingham and has 30 members. NARC web-site <http://www.nottingham.ac.uk/narc>

## The Courses

These one-day courses are presented as an opportunity to obtain up-to-date information on important aspects of materials and design for pavement engineers and technicians.

Each course is directed by a member of NARC and the lecturers are all experts in their own field.

The courses will all be held at the University of Nottingham and will run from approximately 10am to 4pm. Notes and copies of presentations will be provided for participants and a buffet lunch is included in the fee.

These courses provide an excellent continuing professional development (cpd) opportunity.

Up-to-date details of the NARC (and other) courses can be found at the website: <http://www.nottingham.ac.uk/ntec>

## Fees

### 2008 PRICES HELD FOR A THIRD YEAR

The fully inclusive charge for attending these courses is:-

1 course	£260
2 courses per person	£480
3 courses per person	£700
4 courses per person	£900

Participants who work for a NARC member company are eligible for a 25% discount.

## Higher-volume Hot-mix Recycling

### Course Directors:

September 2010

*Mr Jukka Laitinen, Nynas and  
Dr Tony Parry, NTEC*

This course will look at recent developments in the specification of high-volume hot-mix asphalt recycling and mixing plant, including for base and surface courses. RAP and binder specification, as well as UK case studies and European experience will be covered.

## Condition Monitoring and Structural Investigation Thursday 17<sup>th</sup> June

### Course Director:

*Mr Steve Finnie, Scott Wilson*

A comprehensive look at current techniques for condition monitoring and structural investigation of pavements, along with presentations of recent innovations in the industry including a new approach to the use of network-level GPR data and the rational pavement rehabilitation methodology for design of overlay and inlay maintenance treatments.

## Road Surface Treatments

### Course Directors:

Tuesday 14<sup>th</sup> September  
*Dr Tony Parry, NTEC and  
Professor Howard Robinson,  
Road Surface Treatments Association*

In the morning, road surface treatment providers will describe their products and in the afternoon we will examine the selection and specification of the treatments from the client perspective.

## Low Carbon Asphalt

### Course Directors

Thursday 16<sup>th</sup> December  
*Prof Nizar Ghazireh, Tarmac and  
Prof Steve Biczysko, Atkins*

This course will review the latest warm and cold-mix asphalt products and examine their functional performance and potential for reduced carbon-footprint.