

## **Introduction**

*The Railway system training course has the aim of refining the basic knowledge and technical expertise in the railway system and it has been designed for employees of private companies and local authorities, professionals, students and all those who are interested, for work or culture, to these aspects.*

*The objectives of the course are:*

- ✓ *Providing the basis of basic knowledge of design, construction, operation and maintenance of the railway system;*
- ✓ *Describing technologies, regulations, and professionals involved in the system;*

*Teachers have been selected by CIFI among the best experts in the field.*

*The structure of the course is set to cover the most important aspects related to:*

- ✓ *infrastructure, legislation and railway timetable;*
- ✓ *The rolling stock and staff;*
- ✓ *The design and execution of the works;*
- ✓ *The operation and maintenance*

*The course will end with a technical survey to the Regional railway operation control centre.*

**Organized by**



## **5° RAILWAY SYSTEM TRAINING COURSE**

**2013, March 20<sup>th</sup> – April 30<sup>th</sup>**

**Location:**

**Rete Ferroviaria Italiana  
Direzione Territoriale Produzione Bari  
Piazza Moro, Strada interna FS n. 53 – Bari**

## Registration form

Surname.....  
Name .....  
Company.....  
Tel.: .....  
email : .....

*I authorize the processing of personal data pursuant to Legislative Decree 196/03 for the organization of the course.*

Signature: .....

Send by fax **+39.06.4742987**  
Or by email **[segreteria@cifi.it](mailto:segreteria@cifi.it)**

The fee for the course is € 420 (€ 347.11 + 21% VAT) to be paid by bank transfer to the following account:  
CIFI Collegio Ingegneri Ferroviari Italiani  
IBAN: IT 29 U 02008 05203 0001 0118 0047.

For further information please write to [segreteria@cifi.it](mailto:segreteria@cifi.it) (In English or Italian)

March 20th  
9 a.m. – 1:15 p.m.

March 21st  
9 a.m. – 1:15 p.m.

March 26th  
9 a.m. – 1:15 p.m.

April 4th  
9 a.m. – 1:15 p.m.

April 9th  
9 a.m. – 1:15 p.m.

April 11st  
9 a.m. – 1:15 p.m.

April 16th  
9 a.m. – 1:15 p.m.

April 18th  
9 a.m. – 1:15 p.m.

April 23rd  
9 a.m. – 1:15 p.m.

April 30th  
9 a.m. – 1:15 p.m.

## PROGRAM

### Lesson 1

*Design, building, operation and maintenance of the railway system*

### Lesson 2

*The infrastructure and the track*

### Lesson 3

*The railway signalling system*

### Lesson 4

*The rolling stock*

### Lesson 5

*The power system*

### Lesson 6

*The timetable*

### Lesson 7

*Lines and stations capacity*

### Lesson 8

*Railway operation safety*

### Lesson 9

*Managing a railway infrastructure design*

### Lesson 10

*Survey at Bari comand and control system building*