

## Registration / Seminar

### Specialist Qualification in Travel Data Recorders

Seminar

Mr/Ms, title

First name

Surname

Area/Dept.

Contact person

Street, No. / P.O. Box

Post code, Town

Telephone

Email address

Please send hotel list

### Specialist Qualification in Travel Data Recorders

In this Workshop the fundamentals regarding design, function and application of the DEUTA travel data recorder are examined. Participants receive an overview of the complete product range. The use of software and the reading out of travel data are also explored. Basic knowledge of data recorders is desirable but is not a precondition. This seminar has been specially designed for commissioning specialists, personnel from vehicle maintenance and service technicians.

The Workshop will deal with the following themes:

- **Installation**
- **Commissioning**
- **Preventive and corrective maintenance**

### Information

#### Price of Workshop

1050.00 EUR plus Vat including snacks, dinner and beverages during the Workshop.

#### Workshop dates

For the current workshop programme please refer to our website [www.deuta.com](http://www.deuta.com). The number of participants will be limited in order to be able to deal in depth with individual questions. Applications will be dealt with on a "first come, first served" basis.

#### Payment

The price of the seminar is due on receipt of the invoice. An invoice and further information on the seminar will be sent 8 to 10 working days before commencement of the seminar.

#### Cancellation

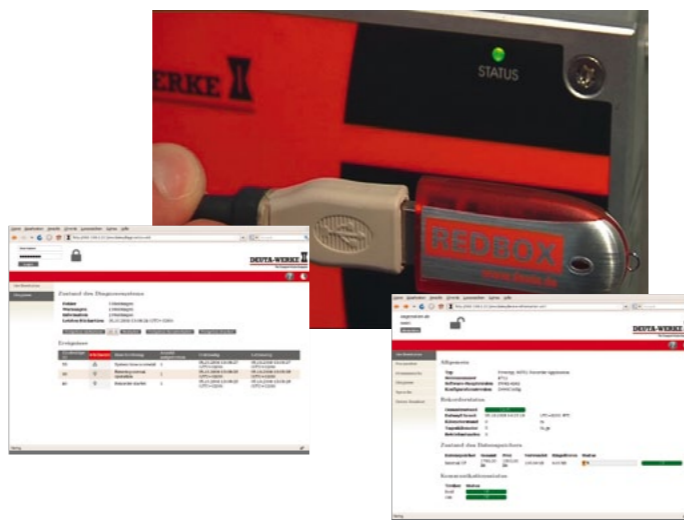
In the case of cancellation up to 10 working days before the seminar is due to begin, we will charge 120.00 EUR. After this time, the full seminar fee is due. If a seminar needs to be cancelled by us for unforeseen reasons, including at short notice, we will inform the participants immediately. Fees which have been paid will be refunded in such a case.

#### DEUTA-WERKE GmbH

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[www.deuta.de](http://www.deuta.de)



Specialist Qualification in Travel Data Recorders

# DEUTA Academy



## Our Expertise

For over 100 years the name DEUTA-WERKE GmbH has stood for expertise in the areas of sensor technology, travel data recording and visualisation. We are delighted to pass this knowledge on to our customers.

Technological developments are advancing at an ever faster pace today which has led us to offer training for the employees of our rail customers with **practical, hands-on seminars for operators**. The demands made on users are constantly increasing. New forms of organisation within companies require employees to be qualified, flexible and able to deal with challenges quickly. State-of-the-art knowledge is the precondition for certification and new specifications in safety technology.

The DEUTA Academy training programme is geared closely towards the market requirements of our customers. **Qualification measures, customer training and hands-on workshops** form an integrated, high-quality training concept.

**Our participants enjoy the benefits of our competence and knowledge networks.**

### Day 1, 13:00 to 20:00

- 12:15 Reception - coffee & snack**
- 13:00 Welcoming of participants; Introduction of speakers**  
*Dr. Rudolf Ganz, Managing Director of DEUTA-WERKE GmbH*
- 13:15 Workshop overview; Organisation**  
*Ralf Luckmann, Head of Customer Service-Application Technology, DEUTA-WERKE GmbH*
- 13:30 Part 1 "Installation"**
- Overview of the Deuta Recorder range
  - Installation and fitting of data recorders
  - Compliance with conditions of installation and the consequences of non-compliance
- Ralf Luckmann, Head of Customer Service-Application Technology, DEUTA-WERKE GmbH*
- 14:45 Coffee break**
- 15:00 Current customer requirements and market developments in the area of evaluation software and data recorders**  
Combining recorder and evaluation software in one project.  
*Richard Durand, Project and Innovation Manager Recorders, DEUTA-WERKE GmbH*
- 15:45 Part 2 "Commissioning"**
- Required tools and support
  - Requirements for successful commissioning
  - Integrating the recorder into a system
  - Commissioning "step-by-step"
  - Use of service software, setting up and checking parameters
- Arno Ronniger, Service-Application Technology, DEUTA-WERKE GmbH*
- 16:45 Coffee break**
- 17:00 Part 2 "Commissioning" continued**
- Reading out of travel data from the recorder using ADS 3/ADS 4
  - Handling of memory cards
  - Commissioning documentation
- Ralf Luckmann, Head of Customer Service-Application Technology, DEUTA-WERKE GmbH*
- 18:30 End of Workshop Day 1**
- 19:00 Dinner & exchange of experiences**

### Day 2, 09:00 to 13:00

- 08:30 Part 3 "Practical training Commissioning"**  
Implementation of commissioning with different recorders. It is planned to commission KWR6, EFA15, KWR21, DSK2x and DEUTA REDBOX. The practical part can be extended using additional recorders if so desired by participants.  
*Arno Ronniger, Service-Application Technology, Axel Richerzhagen, Service-Application Technology, DEUTA-WERKE GmbH*
- 10:30 Coffee break**
- 10:45 Part 4 "Preventive and corrective maintenance"**
- Analysis of diagnostic memory and error location
  - Maintenance measures for increased availability
  - Practical training Maintenance
  - FAQ data recorders
  - Support with problems encountered during application
- Ralf Luckmann, Head of Customer Service-Application Technology, DEUTA-WERKE GmbH*
- 13:00 End of Workshop Day 2**
- 13:00 Lunch in the canteen - optional Departure**

## Speakers

DEUTA-WERKE GmbH

**Ralf Luckmann**, Head of Customer Service-Application Technology  
**Arno Ronniger**, Service-Application Technology  
**Axel Richerzhagen**, Service-Application Technology  
**Richard Durand**, Project and Innovation Manager Recorders