

PRT @ LHR

A CONFERENCE TO MARK THE WORLD'S FIRST
PERSONAL RAPID TRANSIT (PRT) SYSTEM

www.prtatheathrow.com



**21-23 April 2009 at the
Academy Conference Centre, Heathrow**

- The BAA PRT system at LHR
- Guided tours of the PRT stations, track and vehicles
- Development of ULtra PRT System
- Other PRT Systems available for service
- PRT as urban public transport in the UK and Europe
- Pilot networks and implementation of PRT
- Acceptance of PRT
- Fitting PRT tracks into urban areas
- Is PRT a significant new form of transport?
- The CityMobil project

Speakers from the UK, Holland, the USA, Sweden, Italy and Greece

Booking via PTRC-contact: info@ptrc-training.co.uk

Conference Summary

This year the world's first Personal Rapid Transit (PRT) system will open at London's Heathrow Airport (LHR). The system will comprise some 4 kilometers of track and will link one station in Terminal 5 to 2 remote stations in the Business park. This simple application may later be expanded to include around 30 kilometers of track, 350 vehicles and 50 stations serving Terminals 1, 2, 3 and 5 and linking them to office blocks and hotels in the vicinity of the airport. The system selected for this first application is the ULTra System conceived by Martin Lowson. It comprises small, light, rubber tired, battery powered vehicles which run nonstop from the boarding station to the alighting station carrying 1-4 passengers and their luggage.

PRT is currently being installed and tested at Heathrow with the majority of the infrastructure now complete. There will be a chance to view the infrastructure and vehicles during the course of the conference.

PRT systems are likely soon to have urban and suburban applications. PRT's great strength will be its ability to compete with the private car in the dispersed suburban travel markets which have largely been created by the car. There are already proposals for urban PRT systems in the UK, while overseas there have been feasibility studies of regional and even national systems.

The object of the conference is to allow delegates to view the ULTra system at LHR, to inform them about progress being made here and elsewhere and to consider the future roles and significance of PRT. On the third morning of the conference, delegates will additionally be able to hear presentations from the European project CityMobil, which has been exploring other ways that 21st Century technology may transform urban transport.

Fees

One-day standard fee: £400 + VAT

One-day ATRA member fee: £300+VAT

Two-day standard fee: £600 + VAT

Two-day ATRA member fee: £500+VAT

Three-day standard fee: £650 + VAT

Three-day ATRA member fee: £550+VAT

Accommodation

Accommodations must be arranged separately. A block of rooms has been reserved at the Radisson Edwardian Hotel. The hotel is just across the road from the Conference Venue and accessible by "Hotel Hoppa" from the Heathrow terminals (for full travel information, please see the conference website). The special conference rate of £110 per room per night, including breakfast, will be available until March 15th.

Reservations should be made directly with the hotel:

Phone: +44 (0) 208 817 0761

Block Reservation: 0420ADV - Advanced Transport

All guests will be asked for credit card details to confirm this reservation.

Conference Dinner

The conference dinner will be a dinner cruise, including a champagne cocktail reception, with a 3-course meal from 7pm - 11pm on the M.V. Erasmus, departing from Westminster pier, at £65 +VAT per person.

Further information

For further information or to book, please visit www.prtatheathrow.com or contact Sally Scarlett at PTRC, 1 Vernon Mews, Vernon Street, London, W14 0RL, info@ptrc-training.co.uk, **T** 020 7348 1970 **F** 020 7348 1989.

Programme

Tuesday 21 April (morning)

PRT at T5

Chair: Malcolm Buchanan, Director, Colin Buchanan

9.30am - 10am

Tea/Coffee

10.00 am - 10.15am

Welcome/Introductions

Malcolm Buchanan, Director, Colin Buchanan

10.15am - 10.30am

Keynote Address

Jim Fitzpatrick, Transport Minister

10.30am - 10.45am

T5 & PRT

Mark Murphy, Operations Director T5, BAA

10.45am - 11.15am

BAA's business case for PRT

David Holdcroft, PRT Manager and Hugh Fenn, Director of Retail Travel Services - BAA

11.15am - 12.00pm

Development of the PRT concept and ULTra,

Martin Lowson, Deputy Chairman, ATS Ltd

12.00am - 12.20pm

Commercial opportunities in the PRT industry

Nick Ford, Senior Consultant, Frost & Sullivan

12.20pm - 12.30pm

The visits programme - how it works, what you will see

David Holdcroft, PRT Manager, BAA

12.30pm - 1.30pm

Lunch

1.30pm

Visit 1 - Bus departs

Tuesday 21 April (afternoon)

Development of ULTra and other PRT systems

Chair: David Holdcroft, PRT Manager, BAA

1.30pm - 1.50pm

Architectural & Industrial Design for the Heathrow PRT

Michael Rodber, Jones Garrard Move Ltd & Peter Fennel

1.50pm - 2.10pm

ULTra track design,

Tony Kerr, Director, Arup

2.10pm - 2.30pm

User centered design of ULTra for LHR

Karl Humphreys, Experience Designer, Momat Ltd and Gary Davis, MD, Gary Davis Associates

2.30pm - 2.50pm

Preparing for Operations at London Heathrow

Phil Smith, Operations Director, ATS Ltd

2.50pm - 3.00pm

Discussion/Questions

3.00pm - 3.30pm

Tea/Coffee

3.30pm

Visit 1 - Bus returns

3.30pm - 4.00pm

The Vectus PRT system

Jörgen Gustafsson, Technical Project Manager, Vectus

4.00pm - 4.30pm

The "2 Get There" PRT system

Robbert Lohmann, Marketing and Sales Manager, 2 Get There

4.30pm - 5.00pm

Taxi 2000 PRT system

Mike Lester, President and Chief Operating Officer, taxi 2000 US

Tuesday 21 April (evening)

18.30pm - 20.00 pm

Reception at Colin Buchanan London Office, 10 Eastbourne Terrace

Wednesday 22 April (morning 1)

Urban and regional roles of PRT

Chair: Martin Lowson, Deputy Chairman, ATS Ltd

9.30am - 9.50am

The Economic Value of PRT

Henk van Zuylen, Delft University of Technology

9.50am - 10.10am

PRT Plans in Swedish cities

Göran Tegnér, Transport Economist, WSP Analysis and Strategy

9.50am - 10.10am

Emerging roles of PRT in the UK

Malcolm Buchanan, Director, Colin Buchanan

10.10am - 10.30am

Emerging roles of PRT in Italy

Joerg Schweizer, Researcher, Università di Bologna

10.50am - 11.00am

Discussion/ Questions

11.00am - 11.30am

Tea/Coffee

11.00am

Visit 2 - Bus departs

Wednesday 22 April (morning 2)

Implementation of PRT

Chair: Nick Ford, Independent Consultant

11.30am - 11.50am

Pilot network design

John Hawthorne, Managing Consultant, Sinclair Knight Merz

11.50pm - 12.10pm

Design and operational issues in implementation

Ingmar Andreasson, KTH, Royal Institute of Technology, Sweden

12.10pm - 12.30pm

Daventry Implementation

Simon Bowers, Daventry District Council and David Jeffrey, Visiting Professor, University of Southampton

12.30pm - 12.50pm

Discussion/Questions

1.00pm

Visit 2 - Bus returns

12.50pm - 1.45pm

Lunch

1.45pm

Visit 3 Bus departs

Wednesday 22 April (afternoon 1)

Developing PRT networks for urban areas

Chair: Tony Kerr, Director, ARUP

1.45pm - 2.10pm

Urban Network Design Experience in Europe (the Anglo/Swedish angle)

Ingmar Andreasson, KTH, Royal Institute of Technology, Sweden

2.10pm - 2.40pm

PRT in the historic Greek Town of Volos

Milly Theodoropolous and Iro Ziaka, Department of Planning and Regional Development, University of Thessaly

2.40pm - 3.00pm

Social Acceptability of PRT

Paul Firmin, Institute for Transport Studies, University of Leeds

3.00pm - 3.20pm

PRT networks as part of new developments

Nathan Koren, ATS Ltd

3.20pm - 3.30pm

Discussion and Questions

3.25pm - 4.00pm

Tea/Coffee

4.00pm

Visit 3 - Bus returns

Wednesday 22 April (afternoon 2)

Acceptability of PRT tracks in urban areas and broader conclusions

Chair: Stan Young, Chairman, ATRA

4.00pm - 4.20pm

Urban PRT Network Design in the US

Peter Muller, President, PRT Consulting

4.20pm - 4.40pm

Design of PRT tracks in urban areas

Tony Kerr, Director, Arup

4.40pm - 5.20pm

How good is the case for PRT outside airports?

Tony May, Research Professor in Transport Engineering, Institute for Transport Studies, University of Leeds
Phil Bly, Independent Consultant

5.20pm - 5.30pm

Discussion

Wednesday 22 April (evening)

7.30pm - 10.30pm

Conference dinner - Thames cruise departs Westminster Pier

Thursday 23 April (morning 1)

CityMobil

Chair: Tony May, Research Professor in Transport Engineering, Institute for Transport Studies, University of Leeds

9.30am - 9.50am

The CityMobil project

Jan van Dijke, Senior Project Manager, TNO

9.50am - 10.10am

The view of the European Commission on urban mobility research

Andras Siegler, Director of Transport Research, DG Research, European Commission

10.10am - 10.45am

Advanced Technologies:

- Cybercars - Michel Parent, Programme Manager, INRIA
- Advanced City Vehicles - Gianfranco Burzio, Project Manager, Centro Ricerche Fiat
- Advanced buses, Juan Manuel Revuelta, Director General, Valencian Regional Representation to the EU

10.45am - 11.00am

Discussion/ Questions

11.00am

Visit 4 - bus departs

Thursday 23 April (morning 2)

CityMobil

Chair: Jan Van Dijke, Senior Project Manager, TNO

11.30am - 11.55am

Deciding on and selecting an automated system the City Application Manual

Tom Voge, Senior Consultant, TML

11.55am - 12.20pm

Modelling and simulation

Tony May, Research Professor in Transport Engineering, Institute for Transport Studies, University of Leeds

12.20pm - 12.45pm

Operational issues - integrating an automated system into the existing transport system

Antonio Marques, Director of New Technologies, ETRA

12.45pm - 13.00pm

Question & answer session

13.00pm

Lunch

13.00pm

Visit 4 - bus returns

14.00pm - 16.00pm

CityMobil closed session

Registration Form

Please complete in BLOCK CAPITALS or book online at www.ptrc-training.co.uk

Attendance *(Please tick ✓ as appropriate)*

I would like to attend the PRT@LHR Conference on:

Tuesday 21 April 2009 Wednesday 22 April 2009 Thursday 23 April 2009

Delegate Details

Full name (Dr/Mr/Mrs/Miss/Ms*) *Please delete

Position Department

Organisation

Address

Postcode

Tel Fax

Email

Payment Details *(Please refer to item 2 of the Terms and Conditions and tick ✓ as appropriate)*

Standard fee	ATRA member fee		
<input type="checkbox"/> One-day fee £400 + VAT	<input type="checkbox"/> One-day fee £300 + VAT	<input type="checkbox"/> Conference dinner £65 + VAT	Fee £
<input type="checkbox"/> Two-day fee £600 + VAT	<input type="checkbox"/> Two-day fee £500 + VAT		VAT currently @ 15% £
<input type="checkbox"/> Three-day fee £650 + VAT	<input type="checkbox"/> Three-day fee £550 + VAT	TOTAL	£

Method of Payment *(Please tick ✓ as appropriate)*

Cheque enclosed for £ _____ made payable to PTRC Payment by credit card (Mastercard and Visa only)

Card No Cardholder's Name

Expiry Date

Cardholder's Address

Post Code

Cardholder's Signature

Full payment by Transfer to Coutts and Co, 440 Strand, London WC2R 0QS. Account No 46323461. Sort Code 18-00-02.

Invoice the Accounts Department *(see below)*

Invoice Details

Your Order No

Please give details of the person to whom the invoice should be sent if different from above

Full name (Dr/Mr/Mrs/Miss/Ms*) *Please delete

Position Department

Organisation

Address

Postcode

Tel Fax

Email

Visits *(Please tick ✓ as appropriate)*

Please reserve me a place on the following visits Visit 1 Tuesday 21 April 2009 Visit 2 Wednesday 22 April 2009

Visit 3 Wednesday 22 April 2009 Visit 4 Thursday 23 April 2009

Dietary Requirements

Signature of Authorisation I have read and accept the Terms and Conditions.

Signature Date

Name Position

Terms and Conditions

1 Registration Form

Applications should be made on the official registration form. Photocopies are accepted. One form should be completed for each delegate attending an event. Delegates are advised to retain a copy of the registration form for reference before sending. Applications can also be made by registering on the web site at www.ptrc-training.co.uk.

2 Fees

Fees include attendance at lectures, lecture notes, lunch and all refreshments and, where applicable, data preparation, computer time and textbooks. Fees do not include overnight accommodation, breakfast and evening meals unless indicated.

3 Group Discounts

Discounts are offered to organisations wishing to book groups of staff on any one course or seminar, or any series of events. To be eligible, applications must be made en bloc and discounts are implemented at the time of payment. A typical discount of four or more people is 15%. Details of discounts for larger groups can be obtained from PTRC.

4 Reduced Attendance Fees

Voluntary sector delegates and students may qualify for reduced attendance fees. Assessments are made on an individual basis and are entirely at the discretion of PTRC. Please write in confidence to the Course and Conference Manager.

5 Acknowledgement

On receipt of a registration form, delegates will be sent an invoice and a letter of acknowledgement. Joining instructions, including a map and timetable, will be sent to each delegate approximately two weeks before the start of the event.

6 Cancellation

All cancellations, or alterations to a booking, must be received in writing. To avoid cancellation penalties, substitutes will be accepted at any time, if notified in writing and in advance of the event. Adjustments in fees will be made if there is any change in fee category. Cancellations received in writing up to 14 days before an event will be subject to an administration fee of £50 plus VAT. Cancellation of a confirmed booking after this date, including non-arrival at an event, will be liable for the full fee.

7 Disclaimer

PTRC reserves the right to vary the programme and to cancel an event if it is under subscribed or for any other reason. In the event of cancellation, PTRC aims to give delegates at least two weeks' notice and the fee will be refunded in full. PTRC cannot be held liable for any pre-booked travel or accommodation costs.

8 Accommodation

Book-O-Tel is the official independent hotel booking agency for PTRC events. To take advantage of their competitive hotel rates and free booking service, please telephone 01905 610016 quoting the event code PTRC.

9 Data Protection

Details will be held on a database in accordance with the 1998 Data Protection Act. Information will be used for internal marketing purposes only and will not be shared with any external organisations.

VAT Registration No. GB 241 5818 68

Please return to:

The Registration Officer,
PTRC Education and Research Services Ltd,
1 Vernon Mews,
Vernon Street,
London W14 0RL

Tel: 020 7348 1970

Fax: 020 7348 1989