PRT@LHR

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

www.prtattheathrow.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 car 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 tyred, 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.prtattheathrow.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
4.30 pm - 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
10.10am - 10.30am
Emerging roles of PRT in the UK
Malcolm Buchanan, Director, Colin Buchanan
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
1.25pm - 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 Theodoropoulos 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
3.30pm - 4.00pm
Tea/Coffee
4.00pm
Visit 3 - Bus departs

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 Manage, 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

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 departs
14.00pm - 16.00pm
CityMobil closed session
Attendance (Please tick ✔ as appropriate)
I would like to attend the PTRC@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
[ ] One-day fee £400 + VAT [ ] One-day fee £300 + VAT Fee £
[ ] Two-day fee £600 + VAT [ ] Two-day fee £510 + VAT VAT currently @ 15% £
[ ] Three-day fee £850 + VAT [ ] 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
Expire 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 in triplicate 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 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 or end 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 0. 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,
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London W14 0RL
Tel: 020 7348 1970
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