

# LPA - IADP

## Annual Review Meeting 2018

### Welcome Pack



*Bridge at Kedleston Hall*

**Hosted by:**



**15 to 18 May 2018**  
Derby Enterprise Centre  
Bridge St, Derby  
DE1 3LD  
UK

Welcome to the LPA - IADP – Annual Review Meeting 2018 and thank you for your participation.

<b>DAY 1: Tuesday, 15<sup>th</sup> of May 2018</b>		
08:00	Registration	
08:30	<b>Welcome</b>	Jens Koenig
08:30	<b>Welcome Notes</b> Rolls Royce plc, Host of the Event CSJU Airbus, LPA Coordinating Industry Leader	tbd S. Dubois (CSJU, tbd) tbd
08:50	<b>Organisation of the meeting</b>	Martin Shelley (RR) Jens Koenig (AI)
09:00	<b>Brief introduction to the conduct of this review meeting</b>	Jens Koenig (AI)
09:15	<b>Technical Section Part I – LPA Platform 3</b>	
09:15	LPA Platform 3 Introduction on work progress in 2017 and way forward	Jean-Jacques Fagot (AI)
09:35	LPA Disruptive Cockpit demonstration (Part 1/2)	
	Functions and systems for easier Flight (WP 3.1.1) and DECK (WP 3.1.4)	Jean-Jacques Fagot (AI) / Raphaël André (AI) / Guillaume Bourely (HWL)
10:30	Coffee break	
10:50	LPA Disruptive Cockpit demonstration (Part 2/2)	
	Innovative enabling technologies (WP 3.2.1, WP 3.2.4, WP 3.2.5) and UBBICK (WP 3.2.3)	Romain Desautard – Jean Paul Genissel (AI) / Gilles Saint Aubin (ZAET)
	Large Passenger Aircraft Flight tests preparation, realisation and results (WP 3.3.1)	Anne-Laure Desclaux-Chevalier (AI)
	Disruptive Cockpit demonstration (WP 3.5)	Alain Mosnier (AI)/ Thierry Maret (THA)
11:35	Discussion / Q&A	Reviewer, CSJU (& All)
12:00	Regional Active Cockpit demonstration	Raquel Zamora Delmas (A-DS)
	Functions for easy and efficient systems management (WP 3.1.2) and REACTOR (WP 3.1.5)	J.A. Velasco Santa Maria (ADS)/ Neil Morris (GEAS)
	Regional Aircraft Flight tests preparation (WP 3.3.3)	Raquel Zamora Delmas / J.A. Velasco Santa Maria (ADS)
	Regional Aircraft “Active Cockpit” (WP 3.4)	Jesus Lapastora-Turpin (ADS)
13:00	Discussion / Q&A	Reviewer, CSJU (& All)
13:15	Lunch	

14:15	Business Jet Cockpit demonstration	Jerome Lery (DAV)
	Functions and solutions for man machine efficiency for Business Jets (WP 3.1.3), Maturation, validation and integration of cockpit functions and avionics technologies (WP 3.1.4)	J. Lery (DAV)/ Guillaume Bourely (HWL)
	Avionics components update (WP 3.2.2), Cockpit Utility Management System (WP 3.2.3)	Serge Bruillot (DAV)/ Gilles Saint Aubin (ZAET)
	Business Jet test preparation, realisation and results – HUD (WP 3.3.2)	Jerome Lery (DAV)
15:05	Discussion / Q&A	Reviewer, CSJU (& All)
15:25	ADVANCE	Alexander Plagemann / Franz Zafra-Evers (AI)
16:15	Discussion / Q&A	Reviewer, CSJU (& All)
16:45	LPA Platform 3 conclusion	Jean-Jacques Fagot (tbc)
17:00	<i>Coffee break / Reviewers separate meeting</i>	<i>Reviewers</i>
17:30	First feedback from Reviewers and CSJU on Platform 3 work progress and way forward	Reviewers and S. Dubois
18:00	Meeting Closure	Jens Koenig (AI)
18:30	<i>Bus Shuttle from meeting venue to evening venue</i>	
19:00	<i>Evening Event – Visit to the Roll-Royce Heritage Centre and dinner at the Spice Lounge (£35 per head)</i>	
20:00	<i>Bus Shuttle to restaurant</i>	
23:00	<i>Finish, hotels within walking distance of restaurant</i>	

## **DAY 2: Wednesday, 16<sup>th</sup> of May 2018**

08:15	<i>Assembly of Meeting Participants</i>	
<b>08:30</b>	<b>Technical Section Part II – LPA Platform 2</b>	
08:30	LPA Platform 2 Introduction on work progress in 2017 and way forward	Thomas Hienen (AI)
08:50	Multifunctional Fuselage Demonstrator (WP2.1)	Ralf Herrmann (AI) / Partner
09:50	Discussion / Q&A	Reviewer, CSJU (& All)
10:10	<i>Coffee break</i>	
10:30	Next Generation Cabin & Cargo Demonstrator (WP2.2)	Reiner Rückwald (AI) / Partner
11:30	Discussion / Q&A	Reviewer, CSJU (& All)
11:50	<i>Lunch</i>	
13:00	Lower Center Fuselage Demonstrator (WP2.3)	Alexandre Legardez (AI) / Partner
14:00	Discussion / Q&A	Reviewer, CSJU (& All)
14:20	Non-Specific Cross Functions for LPA Platform 2 demonstrators (WP2.4)	Marie-Anne DeSmet (AI) / Partner
15:20	Discussion / Q&A	Reviewer, CSJU (& All)
15:40	<i>Coffee break</i>	
16:00	First feedback from Reviewers and CSJU on Platform 2 work progress and way forward	Reviewers and S. Dubois
<b>16:30</b>	<b>Technical Section Part III – LPA Platform 1</b>	
16:30	LPA Platform 1 Introduction on work progress in 2017 and way forward	NN (AI)
17:15	CROR FTD and new WP1.1 (PF1 demo “D1”)	Pierre Spiegel (AI) / Eugene Kors (SN-AE)
17:45	Discussion / Q&A	Reviewer, CSJU (& All)
18:00	Meeting Closure	Jens Koenig (AI)
18:30	Bus Shuttle from meeting venue to evening venue	
19:00	Evening Event hosted by Rolls-Royce - Donnington Park Formula 1 Museum and dinner	
22:30	Bus Shuttle from evening venue to hotels (return ~23:00)	

## **DAY 3: Thursday, 17<sup>th</sup> of May 2018**

08:45	<i>Assembly of Meeting Participants</i>	
<b>09:00</b>	<b>Technical Section Part III – LPA Platform 1 (continued)</b>	
09:00	Welcome / Introduction to Platform 1 presentations of today (for participants arrived this morning to the venue)	J. Koenig (AI) / NN (AI)
09:15	Advanced Rear-end (PF1 demo “D2”)	Jeronimo Medina (AI)
09:45	Discussion / Q&A	Reviewer, CSJU (& All)
10:00	Scaled flight testing (PF1 demo “D3”)	Peter Schmollgruber (ON)
10:30	Discussion / Q&A	Reviewer, CSJU (& All)
10:45	<i>Coffee break</i>	
11:05	HLFC on tails large scale ground-based demonstrator (PF1 demo “D4”)	Jeronimo Medina (AI)
11:35	Discussion / Q&A	Reviewer, CSJU (& All)
11:50	Radical configuration flight test demonstrator (PF1 demo “D8”)	Thomas Zill (DLR)
12:20	Discussion / Q&A	Reviewer, CSJU (& All)
12:35	<i>Lunch</i>	
13:35	Hybrid electric ground test bench (PF1 demo “D9”)	Stefan Stückl (AI)
14:05	Discussion / Q&A	Reviewer, CSJU (& All)
14:20	UltraFan flight test demonstration (PF1 demo “D10”)	Eva Erb (AI) / TBN (RR)
14:50	Discussion / Q&A	Reviewer, CSJU (& All)
15:05	Active flow control flight test (PF1 demo “D11”)	Michael Meyer (AI) Bruno Stefes (AI)
15:35	Discussion / Q&A	Reviewer, CSJU (& All)
15:50	<i>Coffee break</i>	
16:10	“Small” PF1 demonstrators	Jerome Lery (DAV) / NN (AI)
16:40	Discussion / Q&A	Reviewer, CSJU (& All)
16:55	<i>Reviewers separate meeting</i>	<i>Reviewers</i>
17:25	First feedback from Reviewers and CSJU on Platform 1 work progress and way forward	Reviewers and S. Dubois
17:55	Meeting Closure	Jens Koenig (AI)
18:30	<i>Bus Shuttle from meeting venue to evening venue</i>	
19:00	<i>Evening Event hosted by Rolls-Royce &amp; Airbus – visit and dinner at Kedlestone Hall</i>	
22:30	<i>Bus Shuttle from evening venue to hotels (return ~23:00)</i>	

## DAY 4: Friday, 18<sup>th</sup> of May 2018

<b>DAY 4: Friday, 18<sup>th</sup> of May 2018</b>		
08:15	Assembly of Meeting Participants	
<b>08:30</b>	<b>LPA Management summary on the execution vs plan in the review period year 2017</b>	
08:30	Last status of LPA WBS and OBS Allocation of demonstrators, latest update of the LPA Development Plan including view on 2018+	Jens Koenig (AI)
	Contractual matters, amendments, request for changes, joining or leaving of members, GAM and Consortium Agreements	Ghislaine Bales (AI,tbc)
09:15	LPA interface / cooperation with CS2TE-Transverse Activity	Catherine Gendt (AI)
09:35	LPA interface / cooperation with Eco-Transverse Activity	Anne-Laure Decom (AI)
09:55	Discussion / Q&A	Reviewer, CSJU (& All)
10:15	Coffee break	
10:45	Summary on LPA project execution vs plan: Execution of budget, resources, Major subcontracts Preparation and conduct of major tests Technical execution deliverables, milestones	Jens Koenig (AI)
11:15	Status of LPA Open Calls, focus on CfPs	Ingrid Pech (cmt+ o.b. AI)
11:35	Status and way forward to fully deploy LPA project management through „EMIS“	Joern Waterstraat (ADS) / Ben Newman (Altran o.b. AI)
11:55	LPA Dissemination, Communication & Exploitation	Henning Ritz (AI)
12:10	Implementation of H2020 “Open Data”	Jens Koenig (AI)
12:20	First Feedback from Reviewers and CSJU on LPA project status and way forward	Reviewers and S.Dubois
12:50	Lunch	
<b>14:00</b>	<b>Optional CleanSky Public Dissemination Event UK</b>	
14:00	TBD	
16:00	Closure of the meeting	

# Meeting Details and Maps

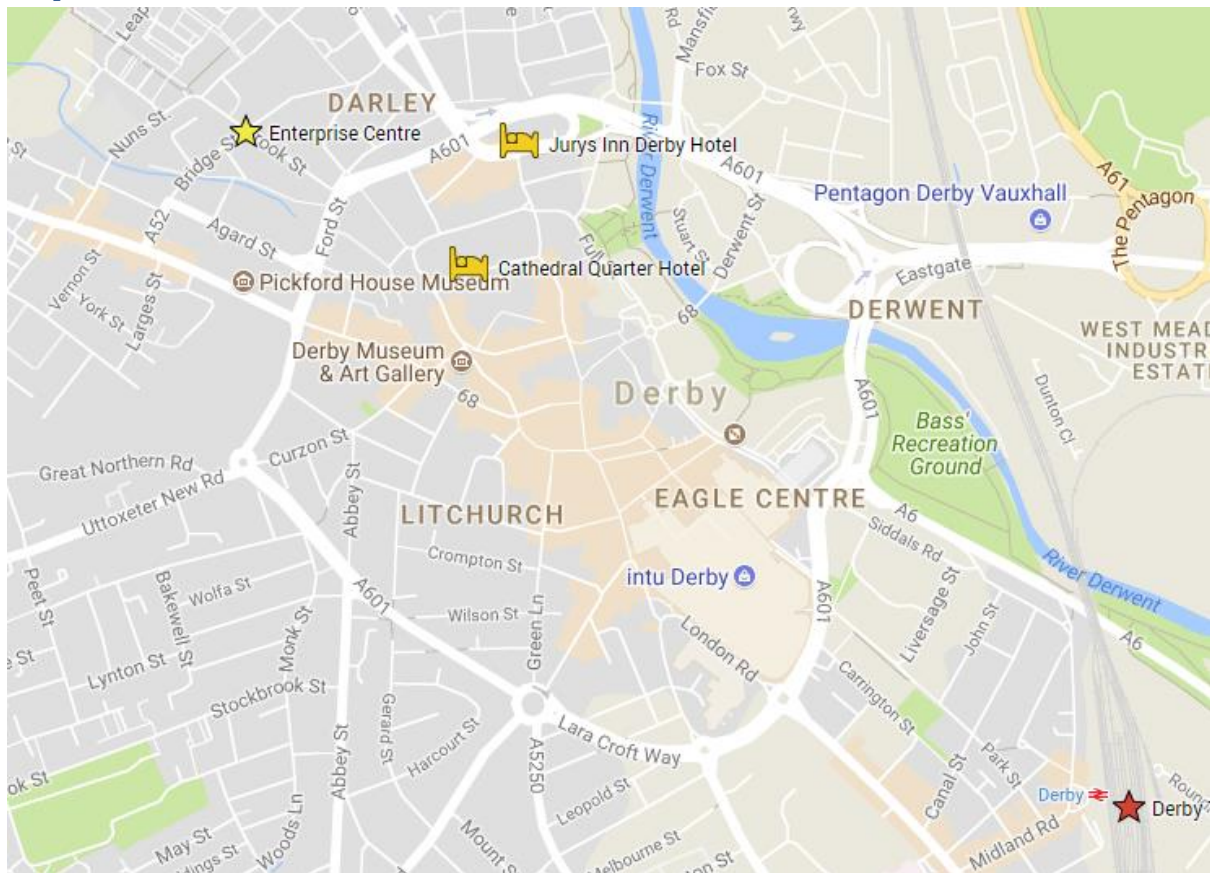
The Meeting will take place in the **Derby Enterprise Centre**, *Bridge St, Derby DE1 3LD*.  
Meeting room “Boardroom” on the first floor.

Please register online here by April 20, 2018.

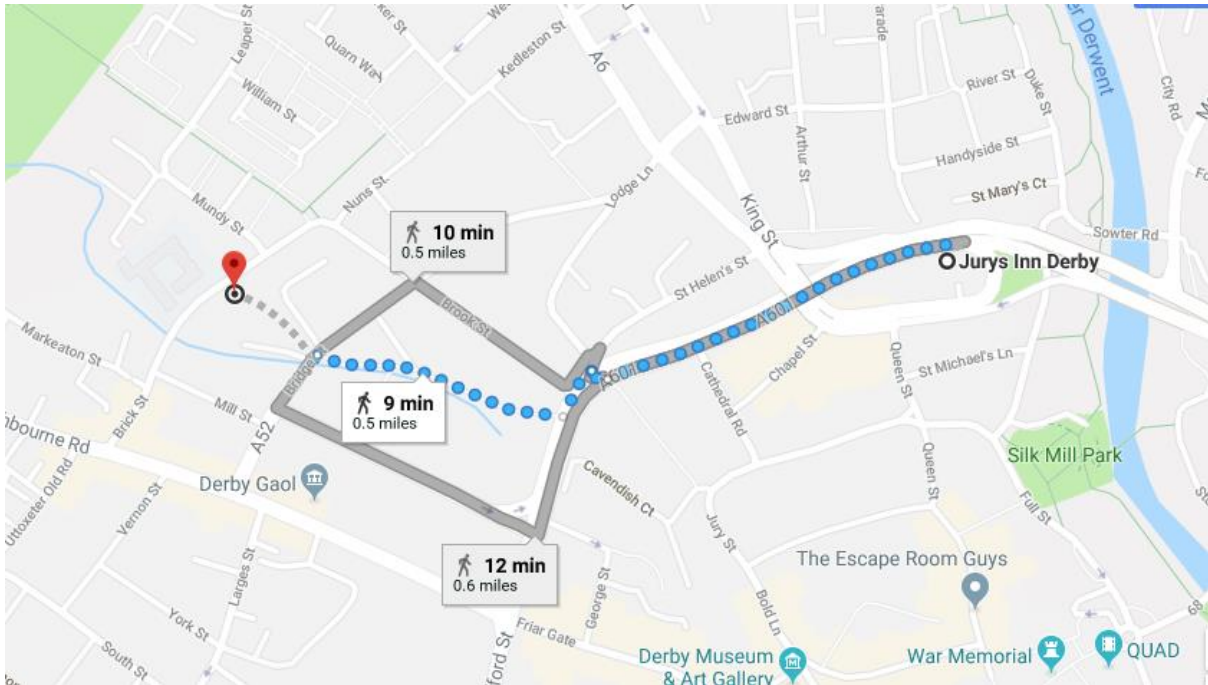
<https://cmt.eurtd.com/events/event/view/80656/lpa-iadp-%E2%80%93arm-2018>

If you struggle to use the website, please advise Ingrid Pech of your requirements.

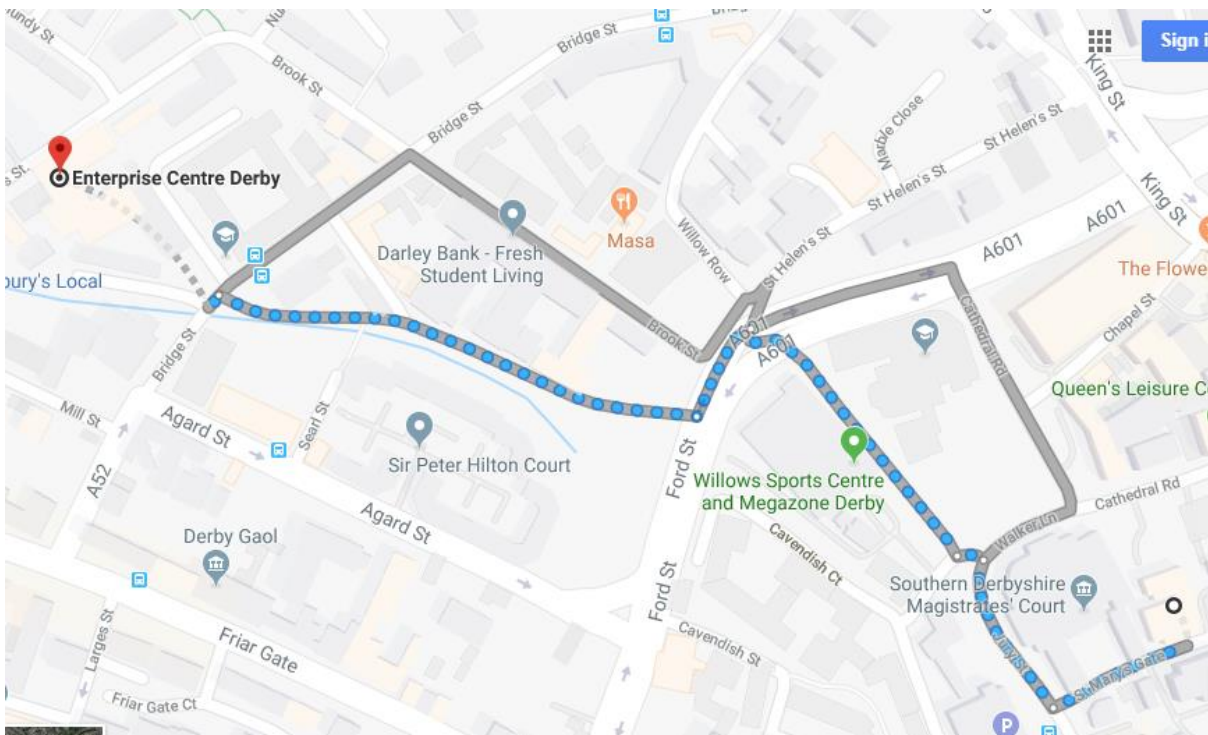
## Maps of the Venue



Map 1: General layout of city, venues and hotels



Map 2: Jury's Inn to meeting venue – walking route



Map 3: Cathedral Quarter Hotel to meeting venue – walking route



# Access

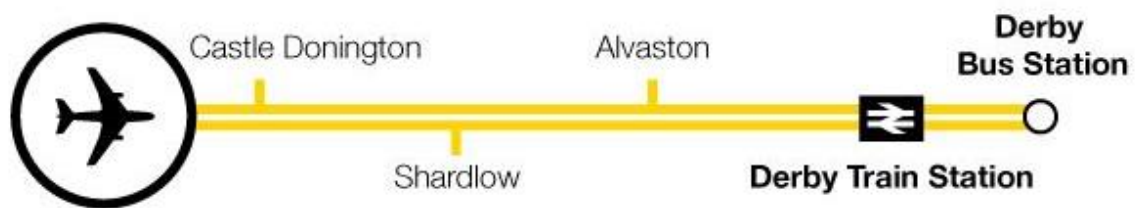
## East Midlands Airport to Derby City Centre

From East Midlands Airport, there are two options to reach the Derby city centre: bus or taxi.

**BUS:** The Skylink bus operates between East Midlands Airport and Derby City Centre every 30 minutes during the day and every hour during the night. The journey takes about 35-40 minutes and a single ticket costs £4.20. There is no need to book in advance as bus tickets can be purchased from the bus driver or from the Airport Information Desk. The time table can be found at

<https://www.trentbarton.co.uk/services/skylinkderby/timetable>.

From Derby, you can catch the bus back to the airport at the main bus station, bay 12.



*East Midlands airport to Derby city centre – bus route*

**TAXIS:** Taxis are available at the airport and you can also book the East Midlands Airport official taxi private hire services ( Arrow Cars 01332 814 000 ). From the city centre, the journey will cost around £25-30 and last around 20 minutes. We recommend avoiding yellow cabs as they are considerably more expensive.

## Birmingham International Airport to Derby Train Station

**TRAIN:** you can take trains directly from the Birmingham International Airport. For Derby, you will first travel to Birmingham New Street, this is a 10 minute direct train journey, with seven services per hour from Birmingham International. From Birmingham New Street, there are about 3 trains every hour departing for Derby. The journey lasts just over 1 hour and the cost of a single ticket can vary from £5 to £40.

You can view schedules, prices and book online here: <http://www.thetrainline.com/>. You can also buy a ticket at the airport at the ticket office or via self-service machines.



*Birmingham International to Derby train station – train route*

**TAXIS:** the car ride from Birmingham Airport to Derby city centre will last around 1hour. Airport taxis UK service quotes from £65 for the journey. You can get an instant quote from their website at <http://www.airporttaxis-uk.co.uk/> or call +44 203 478 8892. These taxis must be pre-booked (at least 2 days in advance) and pre-paid via credit/debit card. You can also find taxis at the airport taxi bay, although these might be more expensive.

# Accommodation

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Rolls-Royce has pre-booked 60 rooms in the following two hotels (20 in the Cathedral Quarter Hotel and 40 in Jury's Inn). Please be aware of the booking deadlines, to benefit from the offers you see below:

- **Cathedral Quarter Hotel**

Price: £89.00 single room, £99.00 double room, breakfast included. Non-refundable

Please reserve by April 2, 2018 - quoting that you are part of the University of Derby event by phoning the number below.

16 Saint Mary's Gate, Derby DE1 3JR

+44 1332 546080

<http://www.cathedralquarterhotel.com/>

- **Jury's Inn Hotel**

Price: £110.00 single room, £120.00 double room, breakfast included

Please reserve by April 6, 2018 - using JIARTT140518 as your booking code online.

King Street, Cathedral Quarter, DE1 3DB

+44 1332 621 000

[jurysinnderby@jurysinns.com](mailto:jurysinnderby@jurysinns.com)

[www.jurysinns.com](http://www.jurysinns.com)

## Other Recommended Accommodation

- **Georgian House Hotel**

32-36 Ashbourne Road, Derby, DE22 3AD

+44 1332 349 806

[info@georgianhousehotel.info](mailto:info@georgianhousehotel.info)

- **Hampton by Hilton Hotel**

Riverside Walk, Morledge, Derby, DE1 2BB

+44 1332 412 600

<http://hamptoninn3.hilton.com/en/hotels/united-kingdom/hampton-by-hilton-derby-city-centre-EMADCHX/index.html>

# Evening Event Details

## Evening Event no. 1 – Tuesday, May 15, 2018:

**Evening Event:** Visit to the Rolls-Royce Heritage Centre, followed by dinner at the Spice Lounge

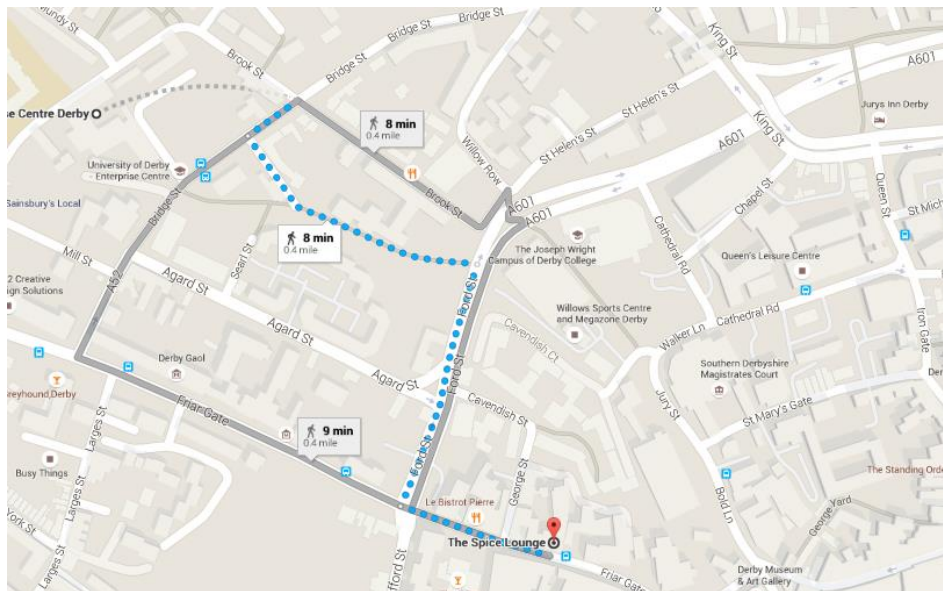
**Additional Details:** Buses will take participants straight from the Meeting Venue to the Rolls-Royce Heritage Centre and then on to the restaurant.

The dinner is self-funded, in that each participant will be required to pay for their own meal. Rolls-Royce has negotiated a price of ‘ £35.00 per person ‘ including drinks

**Time & Meeting point:** departure from the meeting venue at 18:30 for the Heritage Centre.

**Transport:** Buses will pick people up to visit the Rolls-Royce Heritage Centre and return them to the restaurant for dinner around 20:00. The hotels are then within walking distance of the restaurant.

**Duration:** 18:30 – 23:00



Map 4: Spice Lounge and Enterprise Centre

## Spice Lounge Menu

### Popadums & Chutney Tray

#### Mixed Starter - Individually plated:

- 1 pc Onion Bhaji (v)
- 1 pc Sheek Kebab
- 1 pc Chicken Tikka
- 1 pc Keema Samosa

**Main Course between four people:**

Chicken Tikka Massala

Chicken Jalpati

Lamb Achari

Bombay Aloo (v)

**Selection of Rice and Nans**

Each person will be entitled to three drinks

**First Round of Drinks**

(Bottled beer 330ml, house wine or a soft drink) – red token

**Second and Third Round of Drinks**

(Pint bottled beer, house wine, mixers or a soft drink) – black token

£35 per head

\*Any extras ordered on the night will be charged in addition

**Evening Event no. 2 – Wednesday May 16, 2018:**

**Evening Event:** Visit and dinner at the Donnington Park Formula 1 Museum

**Additional Details:** The evening event will be hosted by Rolls-Royce.

**Time & meeting point:** departure from the meeting venue at 18:30

**Transport:** A bus will pick everybody up from the meeting venue and return them to the hotels in Derby at the end of the event

**Duration:** 18:30-23:00

**Evening Event no. 3 – Thursday May 17, 2018:**

**Evening Event:** Visit and dinner at Kedleston Hall

**Additional Details:** The evening event will be hosted by Rolls-Royce & Airbus.

**Time & meeting point:** departure from the meeting venue at 18:00/18:30 latest

**Transport:** A bus will pick everybody up from the meeting venue and return them to the hotels in Derby at the end of the event.

**Duration:** 18:30-23:00

Thank you for participating in the LPA IADP – Annual Review Meeting 2018.

We hope you find the presentations informative and fruitful and that the evening events are enjoyable!

**Contact Persons:**

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