



# **Global Alliance for Research on Avian Diseases Conference 2015**

Strand Campus, King's College London, UK

29 June – 1 July 2015

## **Delegate Information Pack**

# GARAD CONFERENCE PROGRAMME

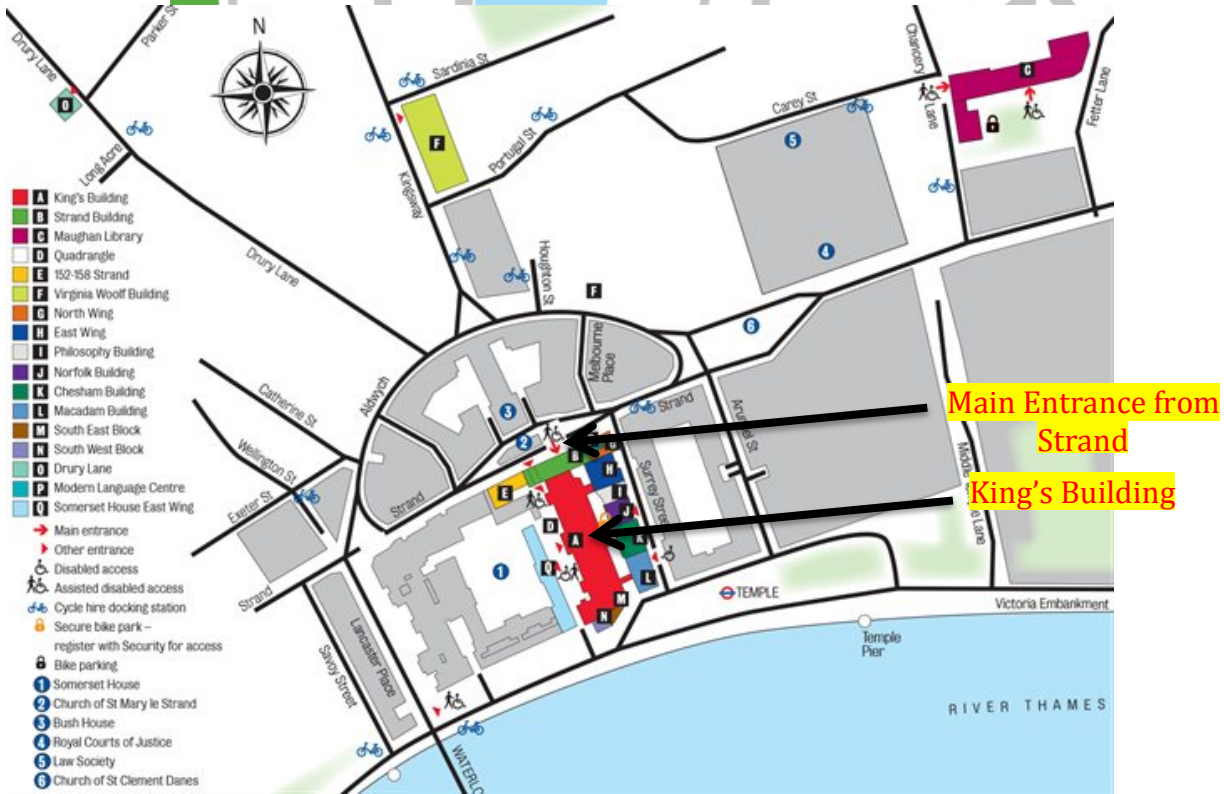
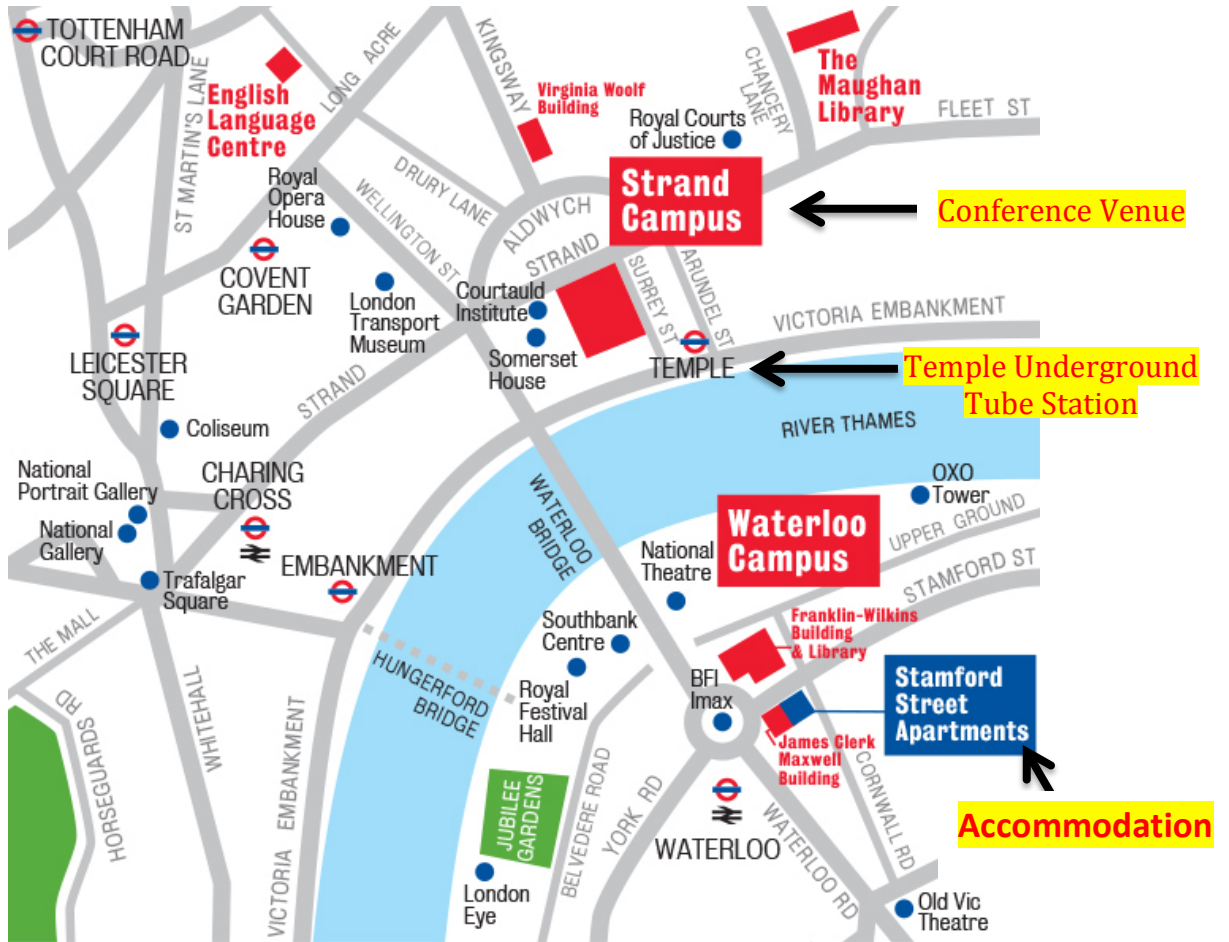
<b>Sunday 28th June 2015</b>		
17:00-19:30	Reception drinks and Registration at Chapters Restaurant	
<b>Monday 29th June 2015</b>		
8:30-9:30	Registration, and Coffee at Great Hall	
Welcome and Inauguration		
9:30-10:00	Prof Venugopal Nair	Welcome
	Prof Melanie Welham	Inaugural speech
	Dr Nigel Gibbens	Inaugural speech
<b>Session-1: Evolution, Epidemiology and Pathogenesis</b>		
<b>Session Chair</b>		<b>Prof Jim Kaufman</b>
10:00-10:25	Prof Ian Brown	New and reemerging challenges for the detection and control of avian influenza
10:25-10:50	Prof Robert Webster	The continuing evolution and threat of Asian H9N2 influenza viruses
10:50-11:15	Prof David Swayne	Recent intercontinental movement and reassortment of H5 clade 2.3.4.4 HPAIV and the resulting impact on pathobiology in wild birds and poultry
11:15-11:45	Refreshments	
<b>Session Chair</b>		<b>Prof Ian Brown</b>
11:45 -12:05	Prof Thanh Long To	HPAI H5N6 viruses in Vietnam
12:05-12:20	Dr Michael Tildesley	Predicting the spread of H5N1 in domestic poultry – a mathematical modelling approach
12:20-12:40	Prof Helen Sang	Genetic modification to study and control disease in poultry
12:40-14:00	Lunch	
14:00-14:30	GARAD Business and Election of GARAD Executive Board members	
14:30-16:00	Round Table Group Discussion	Disease threats and research opportunities in Europe ( Moderators: Prof Ian Brown and Prof Michael Hess)
		Disease threats and research opportunities in Asia Middle East and Africa ( Moderators: Dr Khalid Naeem and Prof Abdul R Omar)
		Disease threats and research opportunities in North and South America and Australia (Moderators: Prof David Swayne and Prof Amir Noormohammadi)
16:00:16:30	Refreshment/Poster viewing	
<b>Session Chair</b>		<b>Prof Venugopal Nair</b>
16:30-16:55	Prof Michael Hess	Commensal or pathogen: pathogenicity traits of selected endemic microorganisms resolved in vivo
16:55-17:10	Dr Jenny J Chaparro-Gutiérrez	Co-infection of Marek's disease virus and chicken infectious anemia virus in laying hens in Colombia
17:10-17:25	Dr Melissa Herrmann	Differential response of resistant and susceptible chicken lines to a lentogenic Newcastle Disease Virus strain
17:25-17:45	Prof Aijian Qin	Identification of new receptor of avian leukosis virus J with DF1 cell line expressing the viral envelope protein
17:45-19:00	Drinks and poster	
19-15-21.30	Dinner: Tayyabs restaurant (83-89 Fieldgate Street (E1 1JU) London. Tel: 020 72476400. <a href="http://www.tayyabs.co.uk">www.tayyabs.co.uk</a> <b>Travel arrangement to Tayyabs: Busses (NOVA BUSSING) will pick-up at the font of Conference Venue (Stand Campus of Kings College London)</b>	
<b>END of DAY 1</b>		

<b>Tuesday 30th June 2015.</b>		
<b>Session-2: Vaccines, immunity and disease control strategies</b>		
<b>Session Chair</b>		<b>Prof Bernd Kaspers</b>
9:00-9:25	Prof Jim Kaufman	Generalists and specialists: a new view of how class I molecules fight disease
9:25-9:45	Prof Abdul R Omar	Recombinant Vaccines against Avian Viral Diseases: Current Status and Future Prospects
9:45-10:00	Dr Yvonne Drechsler	RNA Sequencing Elucidates Large-Scale Temporal Dysregulation of Gene Expression in B19 versus B2 Haplotype Activated Macrophages
10:00-10:15	Dr Juliette Ben Arous	<i>In ovo</i> vaccines based on recombinant NetB toxin and Montanide™ IMS adjuvants induced protective immunity against Necrotic Enteritis in chickens-Juliette
10:15-10:45	Refreshment/Poster viewing	
<b>Session Chair</b>		<b>Prof David Swayne</b>
10:45-11:10	Prof Bernd Kaspers	From basic immunology to application in infectious disease research
11:10-11:35	Dr Yannick Gardin	Constraints, challenges and opportunities for the poultry veterinary vaccines industry
11:35-11:50	Dr Gerdy ten Dam	Safety and efficacy of INNOVAX®-ILT, a turkey herpesvirus recombinant vaccine expressing infectious laryngotracheitis genes
11:50-12:05	Dr Francisca Velkers	Understanding infection dynamics of Eimeria spp. in broiler flocks to improve coccidiosis research and control
12:05-12:25	Prof Amir Noormohammadi	Strain Identification of Avian Pathogens: Benefits, Techniques and Challenges
12:25-14:00	Lunch	
<b>Session Chair</b>		<b>Prof Paul Barrow</b>
14:00-14:25	Prof Daral Jackwood	Evolution and antigenic diversity of infectious bursal disease virus (IBDV)
14:25-14:50	Dr Saskia Van de Zande	Evolution and epidemiology of Avian Reovirus: are recent outbreaks caused by new Reoviruses strains or are there another mechanisms involved?
14:50-15:05	Dr Helene Verheije	Insights in the tropism of avian viruses: binding profiles and receptor specificity of viral attachment proteins using a novel avian microarray
15:05-15:20	Dr Sébastien Soubies	Polymerase stuttering: a previously unrecognized molecular mechanism contributing to antigenic variation in infectious bursal disease virus
15:20: 16:15	Refreshment/Poster viewing	
16.15- 18:30	London Sight-seeing and to drop off at The O2 Millennium Way Greenwich London SE10 0DX	
18:30:-22:00	Conference Dinner at Jimmy's Restaurant in the O2	
	<b>END of DAY 2</b>	

<b>Wednesday 1st July 2015</b>		
<b>Session-3: Host-pathogen interaction and Disease control strategies</b>		
<b>Session Chair</b>		<b>Prof Michael Hess</b>
9:00-9:25	Prof Paul Barrow	Bacterial infections of poultry – new approaches to vaccination and other methods of infection control
9:25-9:40	Dr Lizeth Lacharme-Lora	Infection biology of Campylobacter: not all chickens and not all Campylobacter are the same-Lizeth
9:40-9:55	Dr Salvatore Catania	Clinical and gross pathological findings could be useful data for improving Mycoplasma iowae suspect in meat turkey
9:55-10:10	Dr Mohammed Shukur	Chicken in vitro and in vivo immune responses to Mycobacterium avium infection
10:10-10:30	Refreshment/Poster viewing	
<b>Session Chair</b>		<b>Prof Bernd Kaspers</b>
10:30-10:55	Prof Paul Digard	Virulence determinants of influenza A virus
10:55-11:15	Dr Holly Shelton	The contribution of avian influenza virus PB1-F2 protein to viral virulence and pathogenesis in poultry
11:15-11:35	Prof Subbiah Elankumaran	Influenza A virus PB1-F2: a designer protein with devious functions
11:35-11:55	Prof Mazhar Khan	Novel Nanoparticle-based vaccine induces specific neutralizing antibodies against Bird Flu
11:55-12:20	<b>Summary and concluding remarks and close of Conference</b>	
12:20-14:00	Lunch	
Next GARAD-2017 Conference will be held in Hanoi, Vietnam in November 2017.		

# Conference Venue

The GARAD conference will take place in the **King's Building** at the Strand Campus of King's College (WC2R 2LS) London.



# Registration

The registration desk will be located at the front foyer of the Great Hall in the **King's Building**.

- Registration on Sunday 28<sup>th</sup> June will be from 17:00 to 19:30
- Registration from Monday 29<sup>th</sup> June until Wednesday 1<sup>st</sup> July will be from 9:00 AM until the close of the scientific sessions each day.

# Reception on Sunday

Reception drinks on Sunday 28th June will be held at Chapters Restaurant in the **King's Building** from 17:00 to 19:30.

Please ensure you wear your name badge at all times to ensure you are served at catering points.  
**Please bring your photo ID (driving license or passport). This is required for entry to college buildings by the Main Gate Security (especially for Sunday evening reception).**

# Travel

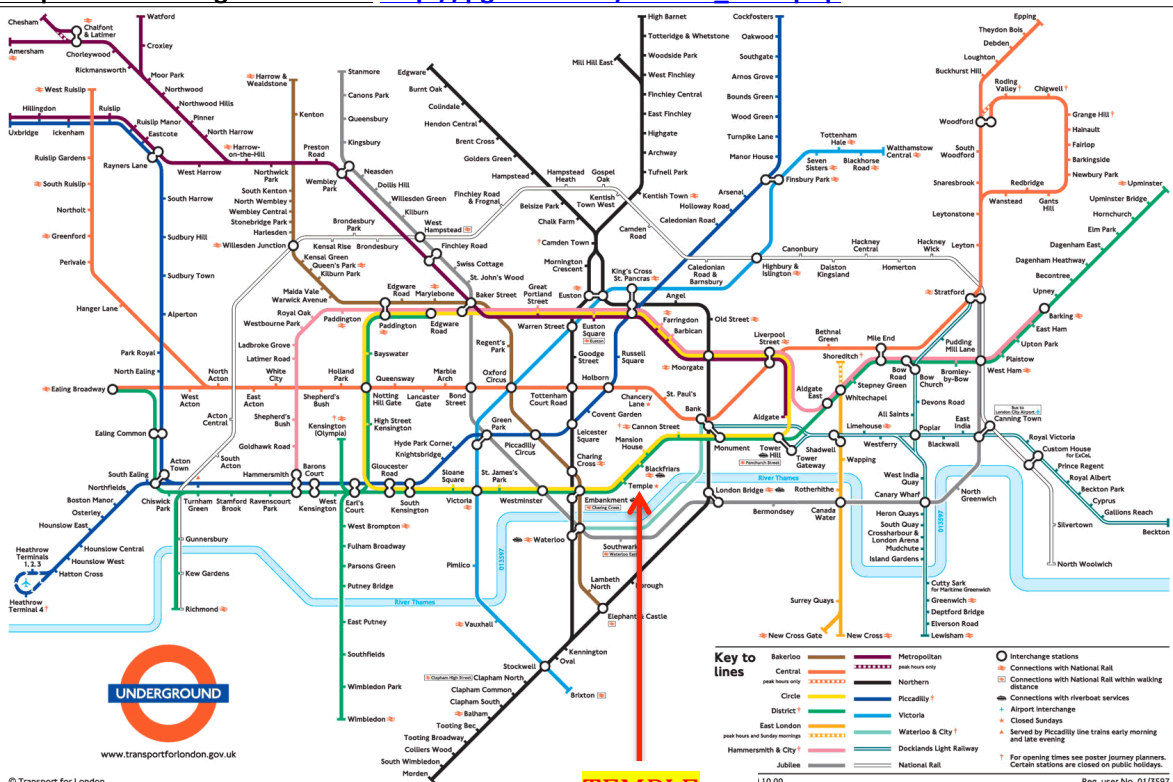
Heathrow, Stansted and Gatwick Airports are well connected to central London by train and the underground tube system.

**From Heathrow Airport:** Take the underground train on the "PICCADILLY LINE" (dark blue line on the map below) and change at "SOUTH KENSINGTON" tube station onto the "DISTRICT OR CIRCLE LINE" (shown dark green and yellow, respectively on the tube map) and alight at "TEMPLE" underground tube station.

**From Stansted Airport:** Take train to "LIVERPOOL STREET" station and then take the underground train on the "DISTRICT OR CIRCLE LINE" to "TEMPLE" tube station.

**From Gatwick Airport:** Take train to "VICTORIA" train station. Change to underground tube "DISTRICT OR CIRCLE LINE" and alight at TEMPLE tube station.

Map of the underground tube: [http://pgoh13.com/london\\_tube.php](http://pgoh13.com/london_tube.php)

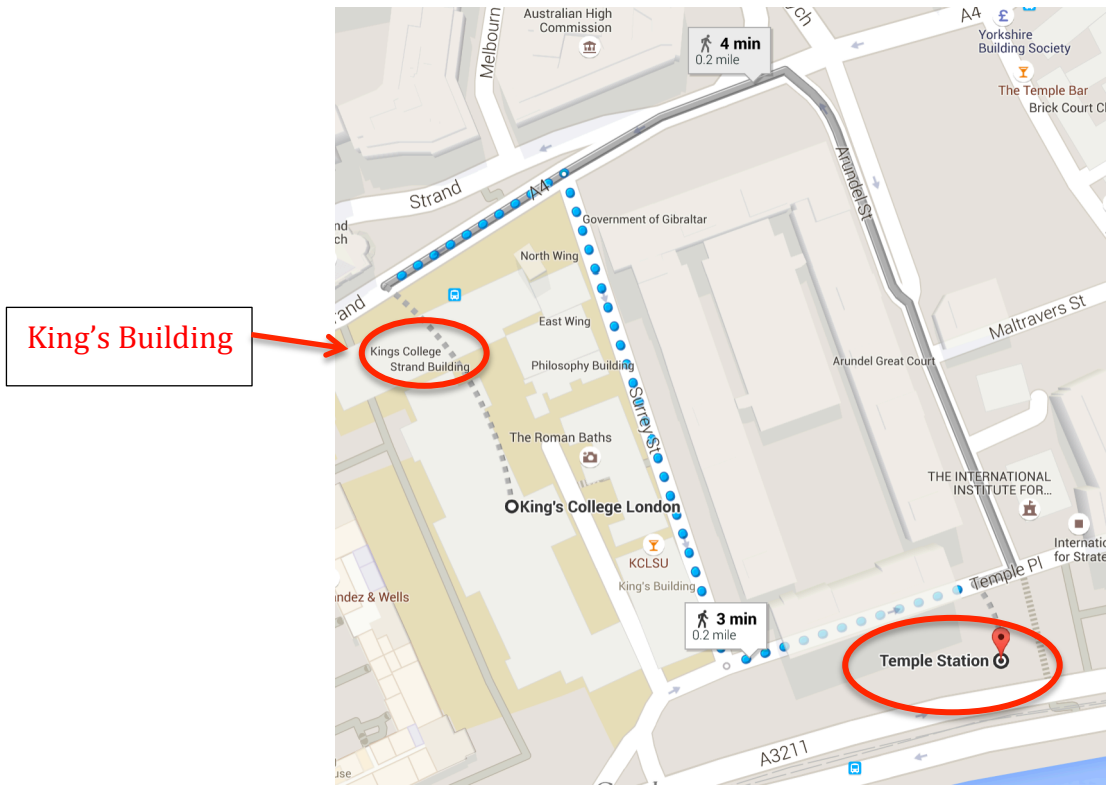


**TEMPLE  
Underground  
Station**



From "TEMPLE" underground tube station follow the pedestrian track indicated on maps below:

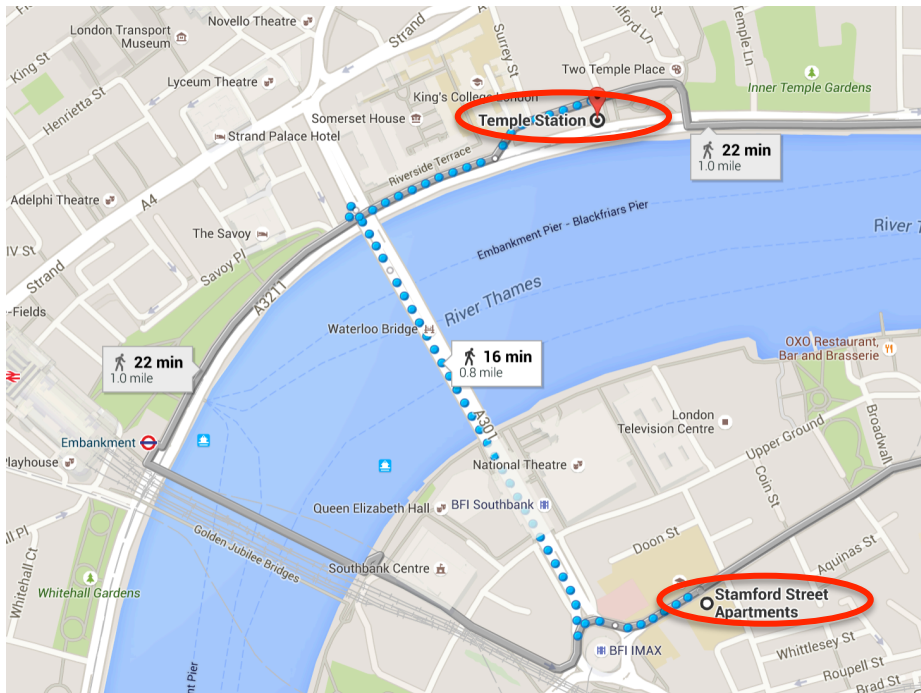
From TEMPLE tube station to Conference Venue (Strand Campus, King's College)



From TEMPLE tube station to Strand Palace Hotel (alternatively Embankment Underground Station is also near to Strand Palace Hotel)



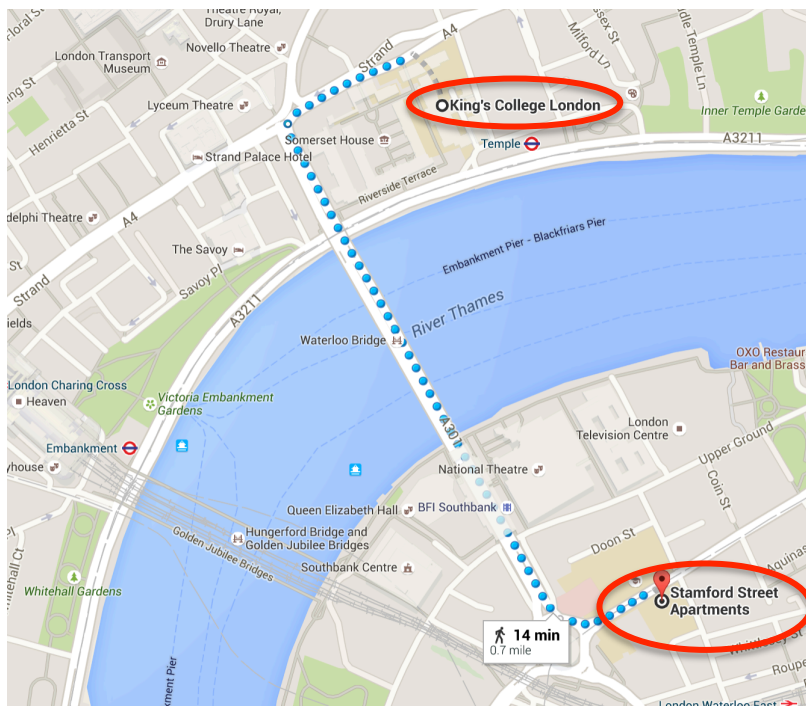
## From Temple tube station to Stamford Street Apartments



## Traveling from Accommodation to the Venue

### From Stamford Street Apartments to Conference Venue

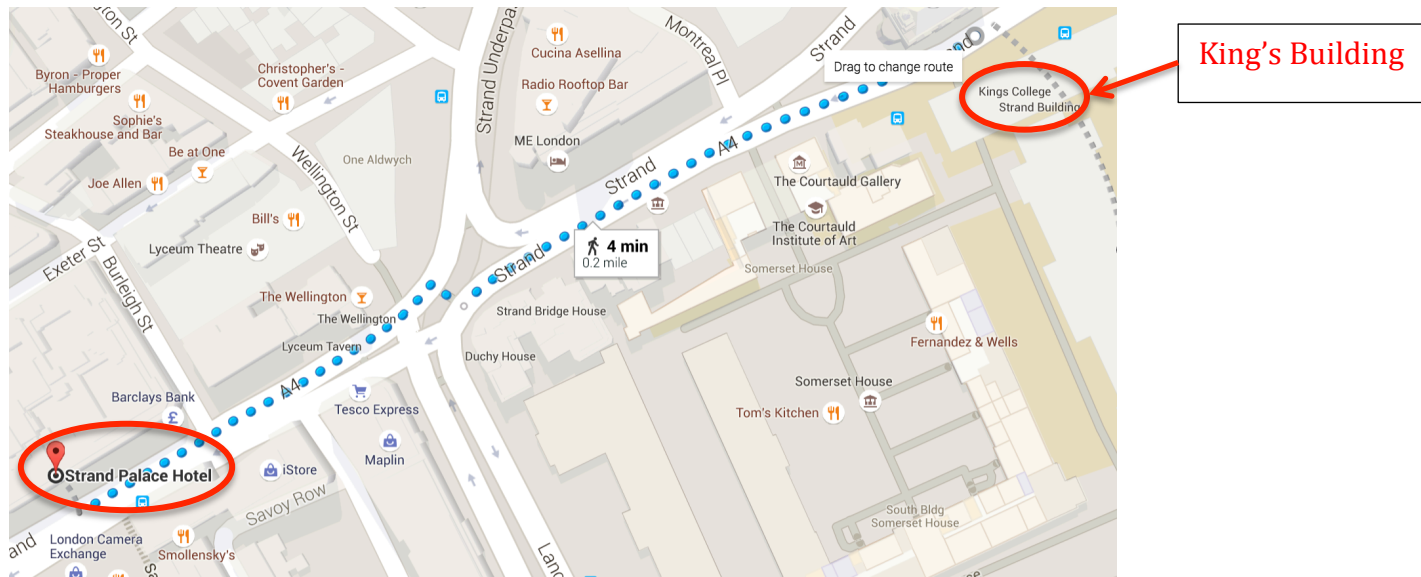
Stamford Street Apartments address: 127 Stamford St, London SE1 9NQ





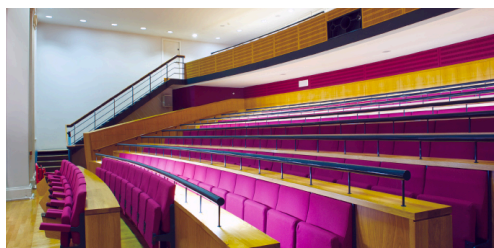
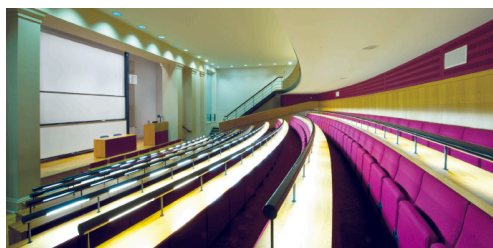
## From Strand Palace Hotel to Conference Venue

**Strand Palace Hotel Address: 372 Strand, London, WC2R 0JJ, Phone: 0207 836 8080, Email: [reservations@strandpalacehotel.co.uk](mailto:reservations@strandpalacehotel.co.uk)**



**Oral Presentations:** All podium sessions and group discussions will be held in the Edmond J. Safra Lecture Theatre. The Theatre is located at the ground floor of the King's Venues Strand.

**Edmond J. Safra Lecture Theatre:** <http://www.kingsvenues.com/Conferences-Meetings/Strand/EJS.aspx>



**Poster, Sponsor Booths and Refreshments will be in the Great Hall.**

**Great Hall:** <http://www.kingsvenues.com/Conferences-Meetings/Strand/Great-Hall.aspx>



## Accommodation

**Stamford Street Apartments** (127 Stamford Street, London SE1 9NQ) are located at the walking distance from the conference venue. Please see map above **“Traveling from Accommodation to the Venue”**. These are single rooms with en-suite facilities and breakfast is included in the booked fee.

**The Strand Palace Hotel** (372 Strand, London, WC2R 0JJ) is located at the walking distance from the conference venue. Please see the map under the section **“Traveling from Accommodation to the Venue”**.

## Meals:

Lunch and refreshments are included in the conference registration package. Full registration also includes Conference Dinner. Refreshments and lunch will be available in the Great Hall, which is adjacent to the conference presentation theatre (Edmond J. Safra Lecture Theatre).

## Social Functions

London City site seeing is arranged from 16:12 - 17:30 on Tuesday 30<sup>th</sup> Jun 2015. Further information and guidance about event will be provided at the conference.

## IT Facilities

Wireless internet will be provided throughout the conference for delegates. The Wi-Fi code will be available at the registration desk.

## Instructions for Speakers

Please ensure your presentation is handed over to the conference organisers at the registration desk on the morning of your talk. This ensures all presentations are uploaded ahead of the conference to avoid any unnecessary delays. Presentations should be on a USB memory stick and in PowerPoint (.ppt .pptx) format.

**Please note: your time slot in the programme is for both presentation and discussion. Therefore, please prepare your talks as per your allocated time slot.**

**Posters Display:** Posters will be displayed in the Great Hall. All poster boards are numbered. Please display your poster in the poster board allocated to you on Monday morning during registration periods. Poster display materials will be available at the registration desk.

## Other Useful Information:

- Overseas visitors will need to bring a travel adapter. Electricity in the UK is 240 volts AC, with a three pin plug.
- Book a taxi: 0871 871 8710, 020 8901 4444, 020 7908 0207, 0800 118 2738  
More information at: <https://www.tfl.gov.uk/modes/taxis-and-minicabs/book-a-taxi>

If you need any further help, please contact conference organisers:

Dr Munir Iqbal: [munir.iqbal@pirbright.ac.uk](mailto:munir.iqbal@pirbright.ac.uk)

Dr Muhammad Munir: [muhammad.munir@pirbright.ac.uk](mailto:muhammad.munir@pirbright.ac.uk)

GARAD Conference: [garad.conference@pirbright.ac.uk](mailto:garad.conference@pirbright.ac.uk)