

TriMedia course April 16th-18th 2007

You are registered to attend our 3-day TriMedia training class in Kinston upon Thames on 16th-18th April 2007. We look forward to seeing you there.

On the next few pages we give some details about how to get there, what times sessions start and end, and things to do if you have some free time.

The training course

The training is at:

Kingston University London
Lab S227
Sopwith Building
Penrhyn Road campus
Penrhyn Road
Kingston upon Thames
Surrey

Registration on Monday 16th April is from 9:00 am.
Sessions start each day at 9:30 am prompt
Lunch should be from 12 – 1:00 each day
Sessions should end at 4:30 pm each day
We provide refreshments but lunch is free time –
there is a cafeteria or you can walk to nearby pubs.

Laptops

The teaching lab is equipped with PCs which you can use for the many 'hands on' exercises. But we recommend that you bring your own laptop – then you can install the software on that, and use it both in class and for 'homework' after the class to extend your learning experience.

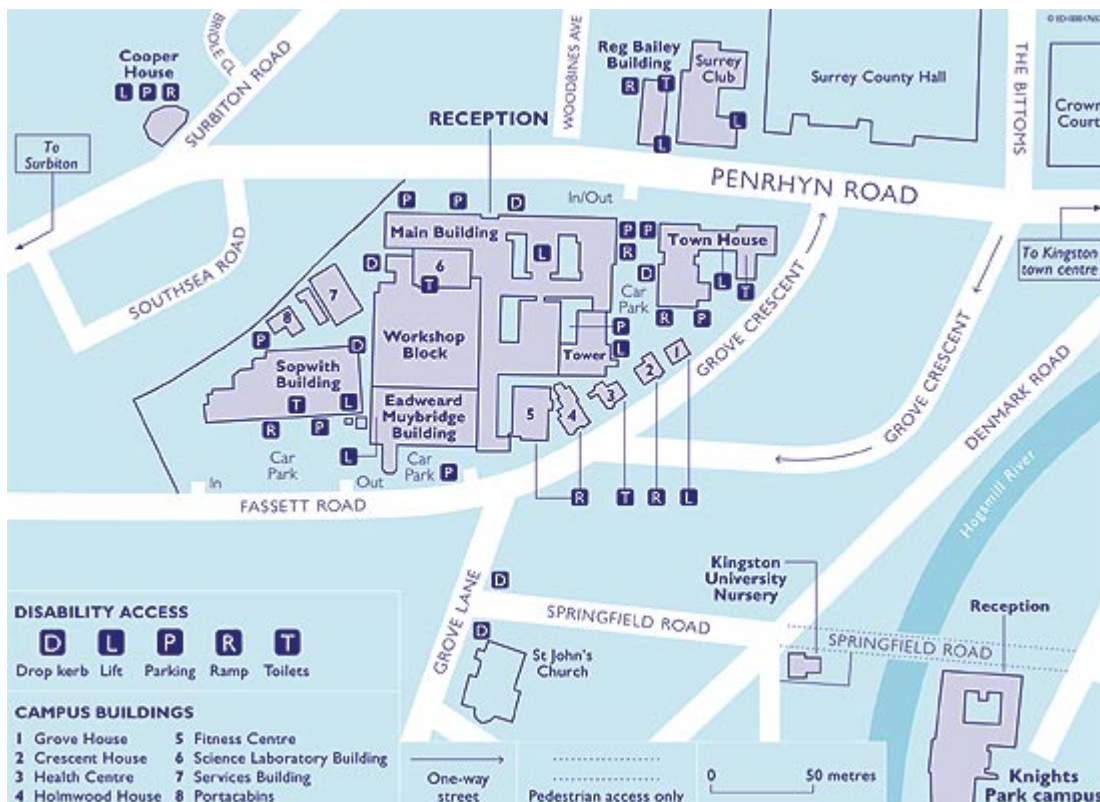
The classroom

We are in Lab S227 which is in the Sopwith Building. This is a computer teaching laboratory. Since there is building work at the University, it is best to ask for directions when you arrive. If you enter by the main Penrhyn Road entrance the reception desk on the left will be able to direct you. The Sopwith Building is shown on the map below. If you are staying at Hotel Antoinette then you can enter at Fassett Road which is nearer to the lab.

Contacts

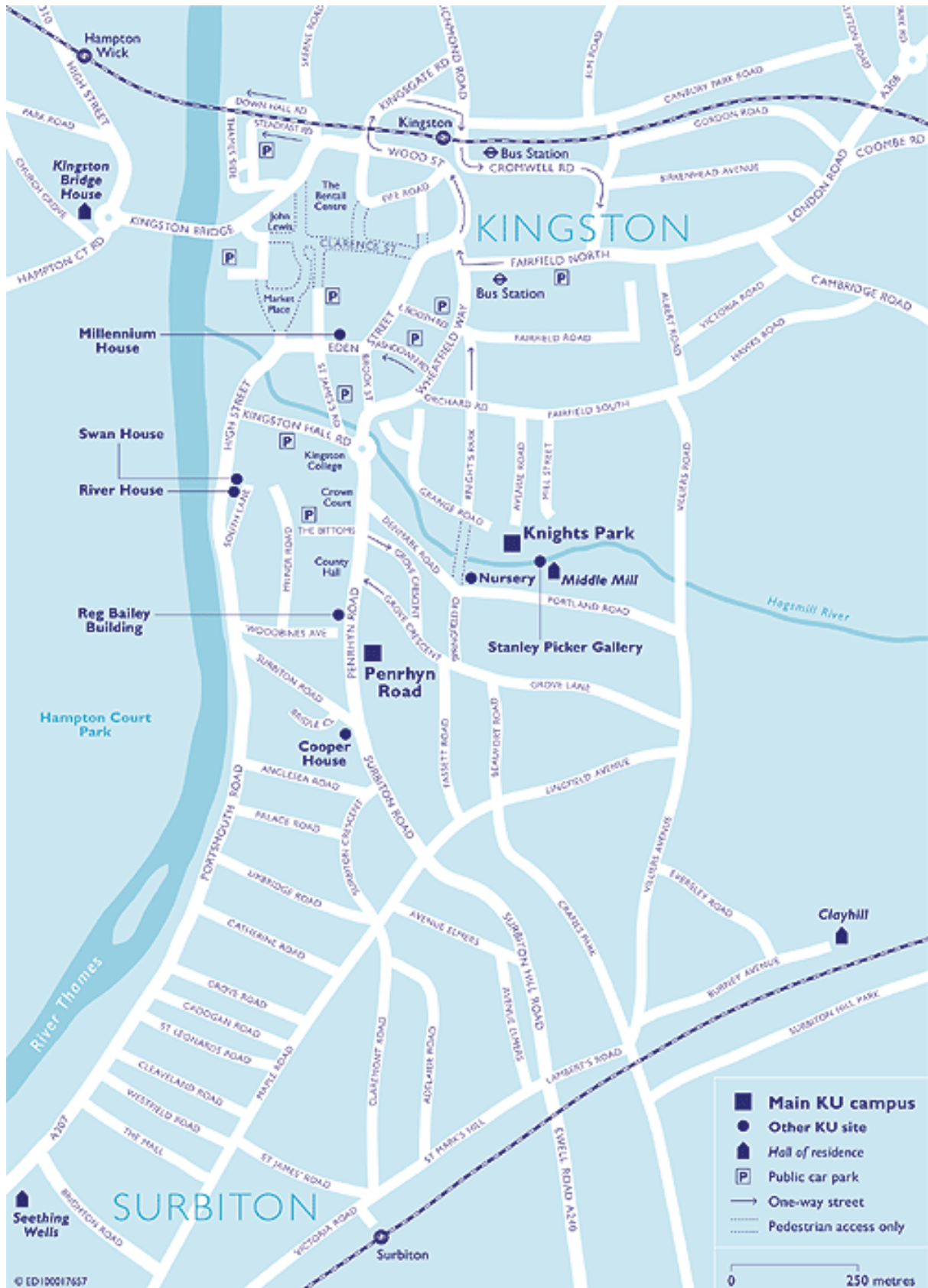
In case you get lost, or have any other problems when you arrive in London, you can contact Sarah or me on the following numbers:

- Office: 01483 740138
- Chris mobile: 07921 153219
- Sarah mobile: 07785 268903



VENUE

The venue is Kingston University London. The main entrance is in Penrhyn Road, Kingston upon Thames. This is opposite the Surrey County Hall which is an ornate landmark building. The map below shows the location.



GETTING THERE BY PUBLIC TRANSPORT

From Heathrow Airport

Bus:

We recommend travelling by bus. The X26 or 726 Expresslink bus runs once each hour and takes about 40 minutes to travel direct to Kingston. If you feel confident then take the number 285 or 111 Red Bus which runs every 10 minutes but makes numerous stops and so takes about an hour (ask the bus driver to tell you when you get to Kingston).

The Heathrow central bus station is open 24 hours a day and includes a travel centre for purchasing tickets on the day: open 06.00 till 22.30, at other times there are automatic ticket machines. The bus station has information screens but check which stand your bus leaves from and keep a look out – we have found it confusing and we live here.

Train:

To go by train you must take the Underground ('The Tube') and the main line. Get an Underground map: each 'line' has its own color, you have to change platforms to change between lines. Take the Piccadilly Line to Earls Court. Change here to the District Line to Wimbledon. Then transfer to the main line station and catch a train to Kingston.

Taxi:

Kingston upon Thames is 10 miles from Heathrow Airport. By taxi this will cost about £26.

Gatwick Airport:

Train:

Take a train to Clapham Junction. (Do not use the Gatwick Express as this does not stop at Clapham Junction.). At Clapham Junction change to a Southwest train to Kingston.

GETTING THERE BY CAR

From the North:

- follow the M1 to junction 6a (M25)
- take the M25 to junction 13 (A30)
- follow the signs to the A308 (Kingston) through Staines, Sunbury, Hampton Court and on to Kingston Bridge

From central London:

You must be crazy to drive from central London!

- take the A3 to Robin Hood Roundabout
- take the right lane filter onto Kingston Vale (A308)

From the South:

- take the M25 to junction 9
- then take the A243 to Surbiton and follow the signs to Kingston

From the South West:

- take the M3 to Sunbury
- then take the A308 to Hampton Court and follow the signs to Kingston

Parking

The Hotel Antoinette has parking if you are staying there. Otherwise, park in 'The Bittoms' if you can – walk to the Penrhyn Road exit. There are other town center car parks

TRAVEL LINKS

For further information about:

Heathrow Airport: www.heathrowairport.com

Gatwick Airport visit www.gatwickairport.com

buses: www.tfl.gov.uk/buses

the Underground/Tube: www.tfl.gov.uk/tube

trains: www.swtrains.co.uk

AGENDA

- Class opens each day at 9:00 am
- Teaching sessions start at 9:30 am
- Sessions should end at 4:30 pm

TriMedia training course 3-day schedule			
Day 1			
Topic	Start	Duration	Finish
Welcome	09:00	0:30	09:30
Overview			
TriMedia system overview	09:30	1:30	11:00
Break	11:00	0:15	11:15
Software architecture			
TriMedia Streaming Software Architecture (1)	11:15	1:15	12:30
Lunch	12:30	1:00	13:30
Software architecture			
TriMedia Streaming Software Architecture (2)	13:30	0:30	14:00
Writing TSSA1 components	14:00	0:45	14:45
Break	14:45	0:15	15:00
Media Processing Tool Kit (MPTK)	15:00	0:30	15:30
Software Development Environment (SDE)	15:30	1:00	16:30
Questions	16:30	0:30	17:00
Day 2			
Questions	09:00	0:30	09:30
CPU core architecture			
TriMedia CPU core architecture	09:30	1:30	11:00
Break	11:00	0:15	11:15
TriMedia CPU architecture levels	11:15	1:15	12:30
Lunch	12:30	1:00	13:30
CPU core programming			
TriMedia compilation tools	13:30	1:15	14:45
Break	14:45	0:15	15:00
Simulation and debugging	15:00	1:30	16:30
Questions	16:30	0:30	17:00
Day 3			
Questions	09:00	0:30	09:30
Cache architecture			
TriMedia cache architecture	09:30	0:45	10:45
Break	11:00	0:15	11:15
Programming optimization (cache-related)	11:15	1:15	12:30
Lunch	12:30	1:00	13:30
Parallelism			
Programming optimization (parallelism)	13:30	1:15	14:45
Break	14:45	0:15	15:00
Custom operations			
Custom operations	15:00	1:30	16:30
Questions	16:30	0:30	17:00

THINGS TO DO

While you are staying in Kingston Upon Thames, you may want to know what else to do. Tourist and travel information for Kingston can be found at:

<http://www.kingston.gov.uk/browse/leisure/tourism>

River Thames

Kingston itself is an interesting London Borough. It is on the River Thames, the tidal section: river walks are pleasant, and you can take boat trips to central London or to places of interest such as Hampton Court Palace.

Ethelred the Unready

Kingston has the King's Stone, on which many early English Kings were crowned. My favorite is Ethelred the Unready, who became King in 978: presumably not being ready for it.

Hampton Court Palace



Henry VIII's palace of Hampton Court is nearby. It has about 1,000 rooms and 241 chimneys, and is set in 60 acres of gardens with a maze (in which you can certainly get completely lost). You can take boat trips from the palace up the River Thames into central London.

Central London

Kingston is a London Borough so you can easily get into central London by public transport. The train takes you to Waterloo Station which is close to the River Thames, the Houses of Parliament and the London Eye. You can walk along this stretch of the river along the South Bank to the Tate Modern Gallery, or you can cross by footbridge and walk to Trafalgar Square and the National Gallery. Much of central London is within a mile or two, and you can take river trips under Tower Bridge down to Greenwich where you can stand with one foot in the West and one in the East hemisphere.

Sopwith

The training is in the Sopwith Building. Kingston is famous as the home of much of Britain's aviation industry. 'Tommy' Sopwith was a pioneer (amongst others he designed the Sopwith Camel) and established Sopwith Aviation in Kingston. (My father inherited Sopwith's desk, at which he worked for many years at Hawker Aircraft – when Dad retired his (well, Sopwith's..) desk went to Brooklands Museum of Aviation which is nearby in Weybridge.

Telephone boxes

Kingston has a funny art work: a line of red telephone boxes, falling over. This is on the way to the town center.



Royal Boroughs

Kingston is one of only three 'Royal Boroughs' in England. The others are Windsor and Maidenhead, and Kensington and Chelsea. Funnily enough, both of these are made up of two place names – 'Windsor and Maidenhead' being two towns but one Royal Borough, and likewise for 'Kensington and Chelsea'.

Surrey

Kingston is a London Borough. But it used to be in the county of Surrey, and by its postal address, still is. County boundaries have been re-drawn several times, with odd results. The neighbouring county of Middlesex no longer exists at all – except on postal addresses. And Surrey County Hall is still in Kingston which means the seat of local government for Surrey is not in Surrey at all. Weird, and very English.