

EFCE WORKING PARTY ON FLUID SEPARATIONS

General Information

Meeting 11th – 13th June London, UK

Wednesday, 11th June. Pre-evening meeting dinner (self-paying)

Time: 19:00 h.

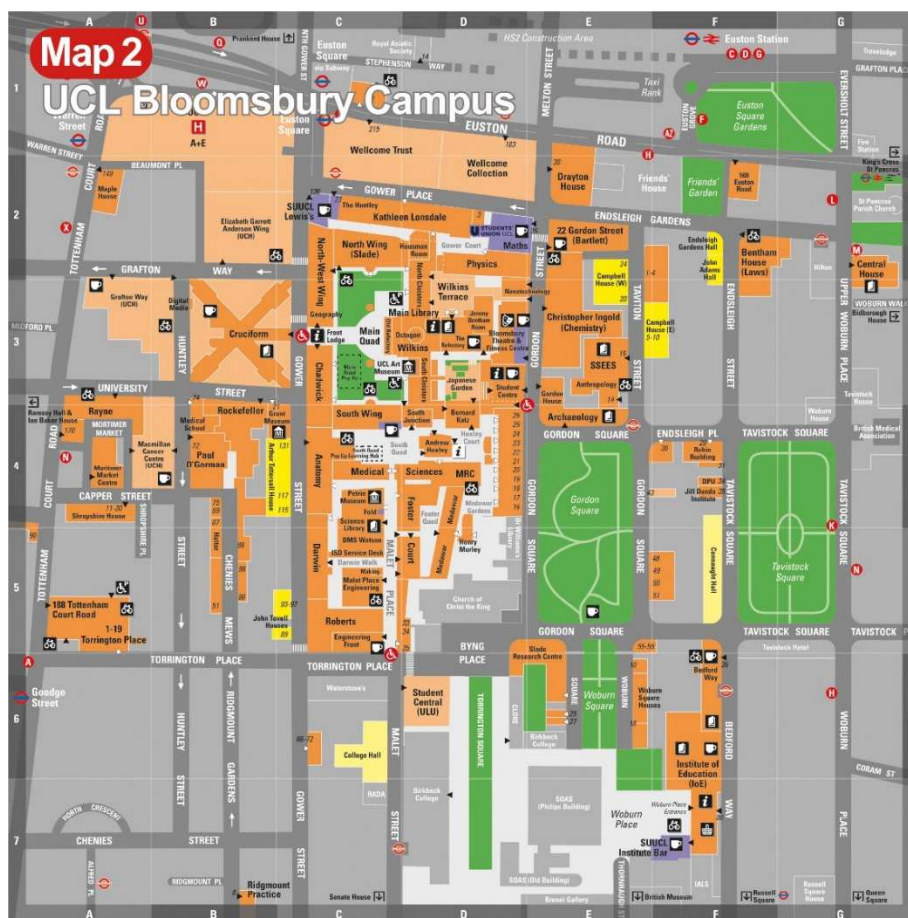
Proposed restaurant: London Chinatown restaurant. 27 Gerrard St, London. W1D 6JN. This is approximately a mile from UCL, for those who want to walk as a group to the restaurant we meet at the UCL, Roberts Building at 18:15 to walk over.

Accommodation (hotels list):

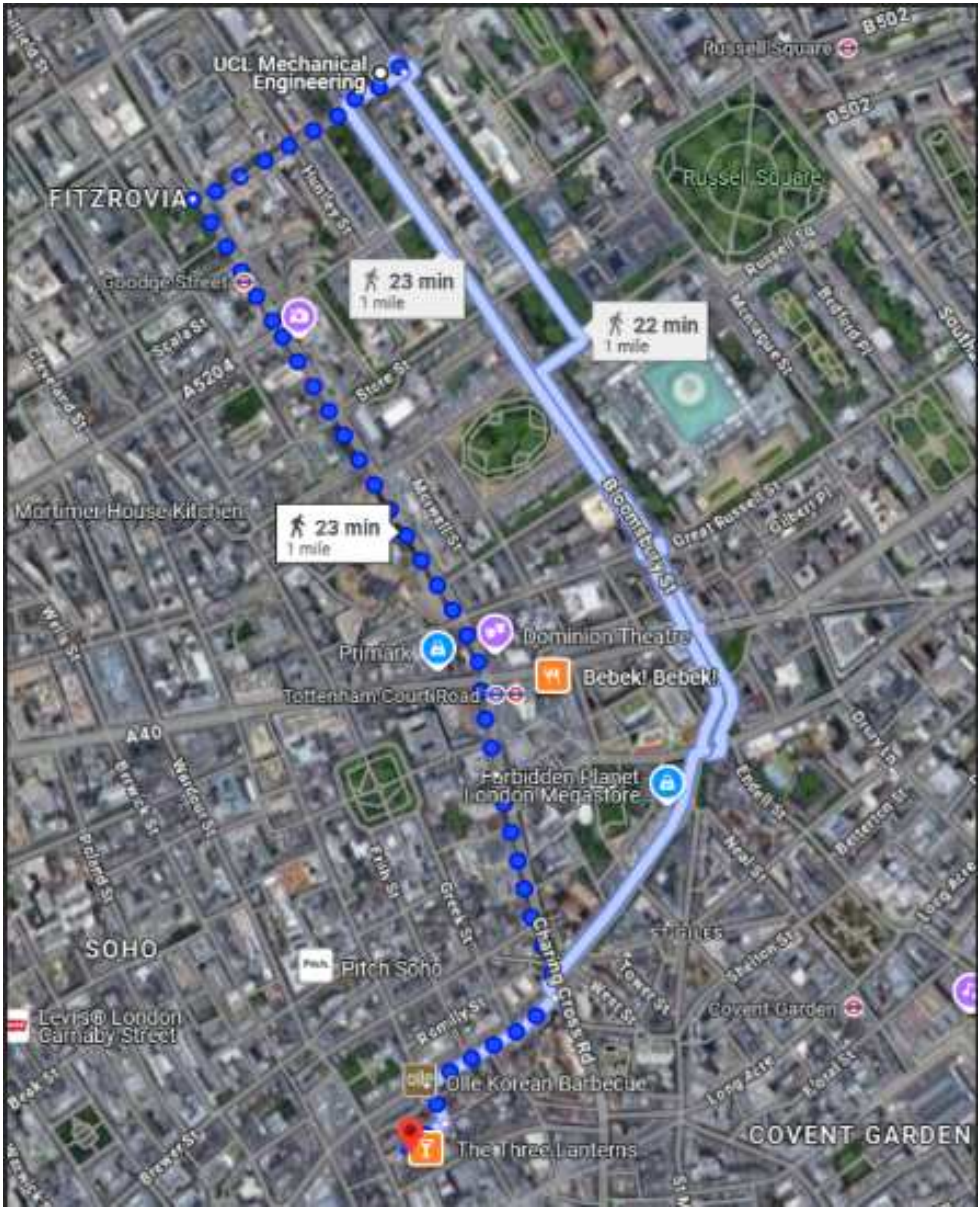
There are many local hotels, but these two are suggested. We do not have a block booking.

[Ambassadors Bloomsbury Hotel | OFFICIAL SITE | 4 Star Hotel London Centre](#)
[Tavistock Hotel | Imperial London Hotels | Bloomsbury...](#)

Room of meeting is G06 Lecture Theatre, located in the Roberts Building. (C5 on this map).



Map to get to the Wednesday night restaurant (London Chinatown restaurant. 27 Gerrard St, London. W1D 6JN), it's 1.5 km between UCL and the restaurant.



AGENDA OF THE 67TH TECHNICAL MEETING

To be held in London, UK

12th June 2025 starting at 09:00 h

Place of meeting: UCL, Roberts Building, Torrington Place, London WC1E 7JE.
Room: G06 Lecture Theatre.

Time	Title, Presenter
9:00 – 9:15 h	Opening of the Technical Meeting WP FS (<i>Jens-Uwe Repke, WP Chair</i>)
9:15 – 9:30 h	Organization of the meeting, UCL, PB (<i>Eva Sorensen/David Martyn</i>)
Session I. Chair: David Martyn	
9:30 – 9:55 h	<i>“The Smart HPLC Robot: Fully autonomous method development empowered by mechanistic model framework”</i> Dian Ning Chia, Fanyi Duanmu and <u>Eva Sorensen</u> Department of Chemical Engineering, University College London, London, United Kingdom
9:55 – 10:20 h	<i>“Biobased organic acids as leaching solvents for metal recovery from various end-of-life streams”</i> Mustafa E. Marti and <u>Boelo Schuur</u> Faculty of Science and Technology, University of Twente, Enschede, The Netherlands
10:20 – 10:45 h	<i>“Rotating Packed Beds: Chances for the Industry”</i> Jerzy Pela RPB-Prospin Ltd. Lodz, Poland
10:45 – 11:15 h	Coffee Break
Session II. Chair: Jens-Uwe Repke	
11:15 – 11:40 h	<i>“Multiple short path distillation” vs. “high vacuum rectification”</i> Ralf Proplesch ^a and Robin Schulz ^b ^a DSM-Firmenich Nutritional Products, Sisseln, Switzerland ^b Julius Montz GmbH, Hilden, Germany
11:40 – 12:05 h	<i>“Fundamentals around hydrogen, economics and the energy transition”</i> Richard Boock Department of Mechanical Engineering, University of Birmingham, Birmingham

12:05 – 12:30 h	<i>“MVR assisted Distillation Sequence --an electrification-based solution under an Imposed Restriction on Fossil Fuel Consumption”</i> Xigang Yuan School of Chemical Engineering and Technology, Tianjin University, Tianjin, China
12:30 – 14:00 h	Lunch
Session III. Chair: Eva Sorensen/Mohammad Kalbassi	
14:00 – 14:25 h	<i>“Reduction of carbon dioxide emissions by absorption based treatment of industrial VOC waste gas cleaning with solvent recovery replacing thermal post-combustion”</i> Jan Mackowiak ENVIMAC Engineering GmbH, Oberhausen, Germany
14:25 – 14:50 h	<i>“Novel Heat Pumps for Distillation”</i> Priyanshu Singh, Akash Nogaja and <u>Rakesh Agrawal</u> School of Chemical Engineering, Purdue University, West Lafayette, USA
14:50 – 15:15 h	<i>“Applying Knowledge”</i> David Martyn BP Solutions, Guilford, United Kingdom
15:15 – 16:00 h	Coffee Break
16:00 – 17:30	Business Meeting
19:00 h	Dinner – Cornwall Marquis, 31 Marchmont St, WC1N 1AP.
Dinner sponsored by WELCHEM GmbH: Home the suppliers of the Tray Heart tower rating software. Catering during the meeting day sponsored by UCL.	

WP FS EXCURSION London Meeting

13th June 2025 starting at 10:30

Friday 12th, meet 10:30 h at the Science Museum.

Guided tour of Energy Hall – this will be tailored to us, the guide has spent many years working in the energy industry and will aim to be provocative and create discussion.

Break

Self-guided tour of Green energy with a challenge to discuss.

13:30 h. Finish.

For those who want to go to lunch there are many local restaurants and we will find one on the day.