**Advanced Optimisation Course**

This course builds on the introductory course and focuses on concepts in global optimisation, bilevel optimisation, multi objective optimisation, dynamic optimisation, optimisation under uncertainty. It is suitable for attendees who have a basic knowledge of optimisation or who have attended the Introduction to Optimisation and would like to further their knowledge.

**Thursday 24 May 2018**

09.00 - 09.30 Coffee and Registration

09.30 - 10.30 Introduction to Optimisation Under Uncertainty - Professor Nilay Shah

10.30 - 12.00 Application of Optimisation Under Uncertainty - Professor Nilay Shah

12.00 - 13.00 Lunch

13.00 - 14.30 Bilevel and Multi Objective Optimisation – Dr Remigijus Paulavicius

14.30 - 16.00 Application of Bilevel and Multi Objective Optimisation – Dr Remigijus Paulavicius

16.00 - 17.00 – Optimisation Surgery: Bring your own problem

**Friday 25 May 2018**

08.30 - 09.00 Coffee and Registration

09.00 - 10.30 Global Optimisation - Mr Miten Mistry

10.30 - 12.00 Application of Global Optimisation - Mr Miten Mistry

12.00 - 13.00 Lunch

13.00 - 14.30 Multi Objective - Dr Gonzalo Guillén-Gosálbez

14.30 - 16.00 Application of Multi Objective - Dr Gonzalo Guillén-Gosálbez

**End of course**

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**Centre for Process Systems Engineering**

**Advanced Optimisation Course**

24-25 May 2018

**The course will take place at:** Lecture Theatre 3, C333 Roderic Hill Building, Department of Chemical Engineering, Imperial College London, South Kensington Campus, London SW7 2AZ, U.K

**Refreshments and Lunch will be served at:** CPSE Common Room, C611 Roderic Hill Building, Centre for Process Systems Engineering

**Cancellations**

Cancellations must be received in writing before or on 15 May 2018 and will be subject to an administration charge of £50.00. It is regretted that cancellations received after 15 May 2018 cannot be accepted and the attendee will be liable for the full course fee. Substitutions may be made at any time, whilst a valid place is held. The organiser cannot accept liability for costs incurred in the event of a course having to be cancelled as a result of circumstances beyond its reasonable control.

You can find further details on the course at: [http://www.imperial.ac.uk/process-systems-engineering/courses-and-seminars/workshops-and-courses/](http://www.imperial.ac.uk/process-systems-engineering/courses-and-seminars/workshops-and-courses/)

If you would like to discuss the course, please contact Miss Senait Selassie: s.selassie@imperial.ac.uk Tel: +44 (0)207 594 6611