NATCOR Convex Optimization and DEA courses

NATCOR Convex Optimization course: Locations

ICMS
- Chapterhouse: Level 1
- Cramond: Room: Level 2
- Newhaven: Lecture Theatre: Level 4

Teviot (Row) House
- Loft Bar: Top floor
- Dining Room: Second floor

Appleton Tower
- M2a/M2b/M2c:
  - Teaching studio: Level 2

NATCOR Convex Optimization course: Monday June 23

Lectures
- 14:00–15:30 Foundations of convexity (Paresh Date) [Newhaven]
- 15:30–16:00 Coffee/tea [Chapterhouse]
- 16:00–17:00 General convex optimization I (Paresh Date) [Newhaven]

17:00 Guided walk to the Accommodation Reception

Social
- 17:00–19:00 Eat and/or watch Austria vs Spain or Netherlands vs Chile
- 19:00–21:00 Welcome reception in the Loft Bar in Teviot House
  - Drink and nibbles
  - Enjoy the view from the roof terrace
- 21:00–23:00 Watch Cameroon vs Brazil and/or Croatia vs Mexico in the Teviot House Sports Bar

NATCOR Convex Optimization course: Tuesday June 24

Morning
- 09:00–11:00 General convex optimization II (Paresh Date) [Newhaven]
- 11:00–11:30 Coffee/tea [Chapterhouse]
- 11:30–12:30 Linear Programming I (Julian Hall) [Newhaven]

12:30–13:30 Lunch (provided) [Chapterhouse]

Afternoon
- 13:30–15:30 IPM for LP (Jacek Gondzio) [Newhaven]
- 15:30–16:00 Coffee/tea [Chapterhouse]
- 16:00–17:00 CVX (Rachael Tappenden + Olivier Fercoq) [Newhaven]

NATCOR Convex Optimization course: Wednesday June 25

Morning
- 09:00–11:00 IPM for convex QP (Jacek Gondzio) [Newhaven]
- 11:00–11:30 Coffee/tea [Chapterhouse]
- 11:30–12:30 CVX (Rachael Tappenden + Olivier Fercoq) in Appleton Tower: M2a/M2b/M2c

12:30–13:30 Lunch (provided) [Chapterhouse]
Afternoon
• 13:30–15:30 Course splits into two streams
  – Theoretical: Structure and matrix sparsity (Julian Hall) [Newhaven]
  – Modelling: Xpress (Sergio Garcia-Quiles) [M2a/M2b/M2c]
• 15:30–16:00 Coffee/tea [Chapterhouse]
• 16:00–17:00 Convex Optimization (Stephen Boyd) [Newhaven]

Course dinner
• 19:00–21:00 in the Dining Room in Teviot House
• Seated buffet with drinks
• 21:00–23:00 Watch Ecuador vs France and/or Honduras vs Switzerland in the Teviot House Sports Bar

NATCOR Convex Optimization course: Thursday June 26
Morning
• 09:00–10:30 CO and modelling at FICO (Michael Perregaard) [Newhaven]
• 10:30–11:00 Coffee/tea [Chapterhouse]
• 11:00–13:00 Course splits into two streams
  – Theoretical: IPM for SDP and SOCP (Jacek Gondzio) [Newhaven]
  – Modelling: Xpress (Sergio Garcia-Quiles) [M2a/M2b/M2c]

Afternoon
• 14:00–15:00 CVXGEN (Stephen Boyd)
• 15:00–15:30 Coffee/tea [Chapterhouse]
• 15:30–17:00 Course splits into two streams
  – Theoretical: Assessment (Written paper) [Newhaven/Cramond]
  – Modelling: Xpress (Sergio Garcia-Quiles) [M2a/M2b/M2c]

NATCOR Convex Optimization course: Friday June 27
Morning
• 09:00–11:00 Course splits into two streams
  – Theoretical: First order methods (Peter Richtárik) [Newhaven]
  – Modelling: Xpress case study presentations (Sergio Garcia-Quiles) [Cramond]
• 11:00–11:30 Coffee/tea [Chapterhouse]

Convex Optimization and Beyond: Workshop
For those who have pre-registered:
Six research presentations and PhD poster session

NATCOR Data Envelopment Analysis course: Saturday June 28
The most convenient means of transport to the James Clerk Maxwell Building (JCMB) at the King’s Buildings science campus is the 41 bus which runs every 20 minutes from the centre of Edinburgh, taking about 20 minutes to get to King’s Buildings. Central stops near Waverley Station are on Hanover Street and The Mound. For those staying in Pollock Halls (and for anyone else if convenient) you will be guided to the nearest 41 bus stop (Gifford Park) if you gather at the pedestrian entrance of Pollock Halls (on Dalkeith Road) by 08:20.
At King’s Buildings, the 41 bus stop will be used as a meeting point since, on Saturdays, access to JCMB requires the use of a swipe card. You will be admitted to the building by the Course Organiser and guided to room 1501. There will be a secure area where luggage may be left.

Morning
• 09:00–09:30 Registration in 1501
• 09:30–11:00 Lecture (1501)
• 11:00–11:30 Coffee/tea (1501)
• 11:30–13:00 PIM-DEA lab (1512)

Afternoon
• 14:00–15:15 Lecture (1501)
• 15:15–15:30 Coffee/tea (1501)
• 15:30–16:30 PIM-DEA lab (1512)

The University King’s Buildings

NATCOR Data Envelopment Analysis course: Saturday June 28