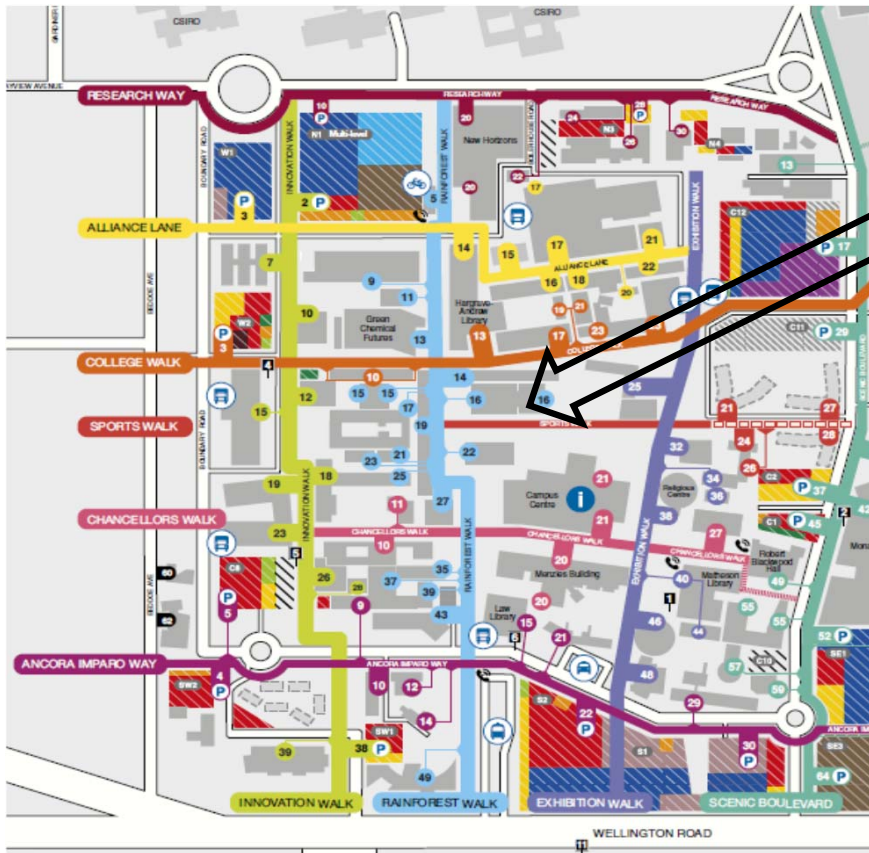


## ASOR RECENT ADVANCES 2016

v6 - 30 March 2016 11:25pm

Science Lecture Theatre S3  
16 Rainforest Walk  
Monash University (Clayton Campus)  
Google Maps: <https://goo.gl/maps/54XadRmKCfm>  
Or see Campus Map <https://www.monash.edu.au/pubs/maps/3-Claytoncolour.pdf>



### DAY ONE - 31 MARCH 2016

START	DURATION	TYPE	LOCATION	TITLE	EMAIL
31/03/2016 9:30	5	Welcome	Monash	Kristian Rotaru	
31/03/2016 9:35	40	Keynote	Monash	Alex Dokumentov (Monash U) - Decomposition and forecasting of data with multiple seasonality using regularization and optimization	alexander.dokumentov@monash.edu
31/03/2016 10:15	25	Full	Monash	Guido Tack, Monash University - Interactive Optimisation	Guido Tack <guido.tack@monash.edu>
31/03/2016 10:40	25	Full	Monash	David Marlow, DTSG Fishermans Bend - Optimal short-term fleet planning incorporating flying and maintenance constraints.	Marlow, David <David.Marlow@dsto.defence.gov.au>
31/03/2016 11:05	15	Short Break			
31/03/2016 11:20	25	Full	Monash	Moshe Sniedovich, U. Melbourne - On the intuitive appeal of the concept Radius Of Stability.	moshe sniedovich <moshe@unimelb.edu.au>
31/03/2016 11:45	25	Full	Monash	Lusheng Shao, U. Melbourne - Supplier Competition with Option Contracts for Discrete Blocks of Capacity.	Lusheng Shao <lusheng.shao@unimelb.edu.au>
31/03/2016 12:10	25	Full	Monash	Red Ceglowski, Monash University - title TBA	andrzej.ceglowski@monash.edu
31/03/2016 12:35	25	Full	Monash	Nicholas Mattei, UNSW/Data61 - A Study of Proxies for Shapley Allocations of Transport Costs.	Nicholas Mattei <nsmattei@gmail.com>
31/03/2016 13:00	25	Full	Monash	Haris Aziz, UNSW/Data61 - Strategyproof Peer Selection.	Haris Aziz <haris.aziz@gmail.com>
31/03/2016 13:25	40	Lunch			
31/03/2016 14:05	40	Keynote	Monash	Ariel Liebman (Monash and MEMSI)	Ariel Liebman <ariel.liebman@monash.edu>
31/03/2016 14:45	25	Full	Monash	Fabricio Oliveira, RMIT - Stochastic Optimization in Real-World Problems - cases from the Oil & Gas Industry.	Fabricio Oliveira <fabricio.oliveira@rmit.edu.au>
31/03/2016 15:10	10	Lightning	Monash	Joe Bunton, Monash U. - Spatial disaggregation for estimating landownership boundaries in Brazil.	Joe Bunton <joe.bunton@monash.edu>
31/03/2016 15:20	10	Lightning	Monash	Steven Edwards, Monash U. - Scheduling problems in the next-generation of cancer diagnostic instruments.	Steven Edwards <steven.edwards@monash.edu>
31/03/2016 15:30	15	Break			
31/03/2016 15:45	25	Full	Newcastle	* Jason Matthews, U. Newcastle - Order sequencing on unidirectional cyclical picking line.	Jason Matthews <jason.matthews@newcastle.edu.au>;
31/03/2016 16:10	25	Full	Newcastle	* Parisa Charkhgard, U. Newcastle - Order acceptance and scheduling problems in two machine flow shops: New mixed integer programming formulations	Parisa Charkhgard <parisa.charkhgard@uon.edu.au>
31/03/2016 16:35	25	Full	Monash	Hans De Sterck, Monash U. - Accelerated Optimization Algorithms for Distributed Big Data Recommendation in Apache Spark.	Hans de Sterck <hdsterck@uwaterloo.ca>
31/03/2016 17:00	25			ASOR NATIONAL AGM	
31/03/2016 17:25	5	Walk across campus			
31/03/2016 17:30	90	Evening Event			

**DAY TWO - 1 APRIL 2016**

1/04/2016 9:00	5	Welcome		Simon Dunstall	
1/04/2016 9:05	35	Keynote	Monash	Andreas Ernst (MAXIMA @ Monash) - Breaking it up with Benders.	Andreas Ernst <andreas.ernst@monash.edu>
1/04/2016 9:40	20	Full	Monash	Alban Grastien, Data61 Canberra - Critical Observations for Situation Awareness.	Alban Grastien <alban.grastien@nicta.com.au>
1/04/2016 10:00	20	Full	Monash	Gleb Below, Monash University - Linearization in MiniZinc	Gleb Below <gleb.below@monash.edu>
1/04/2016 10:20	20	Full	Monash	Felipe Trevizan, Data61 - i-dual.	Felipe Trevizan <felipe.trevizan@nicta.com.au>
1/04/2016 10:40	25	Break and host change			
1/04/2016 11:05	20	Full	Data61 Canb	* Arthur Mahéo, Data61 Canberra - Fleet Size-and-Mix, Split Delivery VRP with Compatibility Constraints.	Arthur Maheo <Arthur.Maheo@nicta.com.au>
1/04/2016 11:25	20	Full	Macquarie	* Mehrodkht Pournader, Macquarie University - Prospect theory and ordering behavior in multi-echelon supply chains.	mehrodkht.pournader@students.mq.edu.au
1/04/2016 11:45	20	Full		Kristian Rotaru, Monash University - Empirical evidence for the effect of uncertainty upon decision making rationality within sequential decision processes.	Kristian Rotaru <kristian.rotaru@monash.edu>
1/04/2016 12:05	10	Lightning	Monash	Nicholas Davey, U. Melbourne - Routing roads and optimally controlling traffic through ecologically sensitive areas.	ndavey@student.unimelb.edu.au
1/04/2016 12:15	10	Lightning	Monash	Valentin Mayer-Eichberger UNSW/Data61 - The Power of SAT Solving.	Valentin.Mayer-Eichberger@data61.csiro.au
1/04/2016 12:25	10	Lightning	Monash	Upgrading MIP benchmark sets to maintain difficulty and diversity	Simon Bowly <simon.bowly@monash.edu>
1/04/2016 12:35	40	Lunch			
1/04/2016 13:15	20	Full	QUT	* Robert Burdett, QUT - Analytical Methods for Hospital Capacity Analysis.	Robert Burdett <r.burdett@qut.edu.au>
1/04/2016 13:35	20	Full	QUT	* Mahmoud Masoud, QUT - Advanced Operations Research Techniques to Optimise Cane Rail Systems	mahmoud.masoud@qut.edu.au
1/04/2016 13:55	5	Host change			
1/04/2016 14:00	20	Full	Monash	Thibaut Feydy, Data61 - Interval Constraints with Learning & Application to Air Traffic Control	Thibaut.Feydy@data61.csiro.au
1/04/2016 14:20	20	Full	Monash	Niraj Dayama, Monash U. - Facility location and routing problem for food delivery and distribution	niraj.ramesh@monash.edu
1/04/2016 14:40	20	Full	Monash	Michael Hynes, U. Waterloo - Accelerated distributed line search algorithms for optimization and big data analytics in Apache Spark.	Michael Hynes <mbhynes@uwaterloo.ca>
1/04/2016 15:00	15	Short Break			
1/04/2016 15:15	35	Keynote	Monash	Toby Walsh (Data61/UNSW) - Optimising Deceased Organ Allocation.	Toby Walsh <Toby.Walsh@nicta.com.au>
1/04/2016 15:50	20	Full	Monash	Andreas Schutt, Data61 - State-of-the-art of resource constrained scheduling and packing.	Andreas Schutt <Andreas.Schutt@nicta.com.au>
1/04/2016 16:10	20	Full	Monash	Geoffrey Chu, Data61 - Nested Constraint Programming.	Geoffrey Chu <chu.geoffrey@gmail.com>
1/04/2016 16:30	5	Close			

Host Monash Paul Lochert  
 Host QUT Andy Wong  
 Host Newcastle Hamish Waterer  
 Host Adelaide Amie Albrecht

Paul Lochert <plochert@bigpond.net.au>;  
 Andy Wong <aw3379@gmail.com>;  
 Hamish Waterer <hamish.waterer@newcastle.edu.au>  
 Amie Albrecht <Amie.Albrecht@unisa.edu.au>