

sicsa*

The Scottish Informatics &
Computer Science Alliance

8th Annual PhD Conference 27 – 28 June 2016



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Contents

Sponsors and Partners.....	i
Contents.....	iv
Introduction	1
Keynote 1: Emmanuel Mogenet (Google).....	2
Keynote 2: Professor Jon Timmis (Universitiy of York).....	3
Social Events.....	4
Travel and Accommodation	6
Getting Here.....	7
Map: University of Strathclyde Campus	9
Map: Glasgow City Centre.....	11
Conference Programme	13
Workshop Session: Thesis Statement.....	14
Workshop Session: Pitching.....	16
Workshop Session: Reproducible Research.....	17
Workshop Session: Impact Through Engagement	20
Workshop Session: Interdisciplinary Collaboration	21
Workshop Session: Career Planning Panel Session.....	23
Poster Sessions.....	25
Posters & Technology Demos	26
Conference Committee	30
Copyrights and Acknowledgements	31

#sicsaconf16

Schedule at a glance

Day 1

Time	Event
09:30	Registration
10:20	Opening Address
10:30	Keynote Presentation
11:40	Workshops
13:10	Lunch & Poster Session
14:30	Keynote Presentation
15:30	Workshops
19:30	Evening Reception and Social Events

Day 2

Time	Event
09:30	Registration
10:00	Workshops
11:30	Poster Session
13:00	Lunch
14:00	Student Presentations
15:30	Prizegiving & Event Close

Introduction

**Dr Martin Halvey, University of Strathclyde
Conference Chair**

On behalf of SICSA and the organising committee, I would like give you a warm welcome to the 8th Annual SICSA PhD Conference at the University of Strathclyde. Building on the success and feedback from previous years the student organisation committee has put together an excellent and varied programme of events for this year's conference. The programme brings together experts from academia, industry, as well as professional facilitators, to both challenge and help PhD students to achieve the most successful research possible and also to satisfy for their career aspirations. In addition to the traditional student poster session, we also have workshop sessions on thesis statements, impact through engagement, interdisciplinary collaboration, career planning, reproducible research and pitching. We are particularly fortunate to host two very distinguished and eminent keynote speakers who will share their work, knowledge and experience with us. In addition, we are pleased to have a range of social events that allow the participants to really experience the best of Glasgow.

The student committee has worked tirelessly, with fantastic support from the SICSA administrative team, to plan and organise these events meticulously. I marvel at how a small group of committed individuals can achieve so much while also carrying out their normal day to day activities. I would also like to mention other organisations that have supported the PhD conference this year; namely our sponsors Google, J.P. Morgan, ThinkAnalytics (UK) Ltd., and Glasgow City Marketing Bureau. It demonstrates the strength of and high esteem with which Scottish PhD graduates are held that so many companies want to support this event.

I sincerely hope you enjoy your visit to Glasgow and take advantage of the opportunities to engage with the other attendees to enhance your PhD experience.



Keynote 1: Emmanuel Mogenet (Google)

Research at Google

Time: Monday, 27th June 2016, 10:30-11:30

Location: Auditorium B&C, Level 02

Topics Covered

- An overview of Google Research in Europe/Zurich.
- A summary of interesting ZRH projects.
- A summary of what research engineers/scientists do at Google, and the skills they need to secure such a position.
- A discussion about the benefits of undertaking internships whilst undertaking a PhD.

Emmanuel Mogenet (Google)



Emmanuel Mogenet is an Engineering Director and Site Lead for the Google Zürich office, where he currently leads the Google European Research Lab. Formerly, he led a team focused on improving various aspects of Google's search engine. Prior to working on Research and Search problems, Emmanuel spent most of his career working on solving 3D computer graphics and image processing problems for the film special effects industry.

Before joining Google in 2006, he was working at Apple Computers in California where he was part of the advanced image progressing group. Emmanuel was born in 1967 in a small town in the southeast of France. He earned his Master's degree in Computer Science and Artificial Intelligence in 1990 from Ecole des Mines de Saint-Etienne. During the course of his career, Emmanuel lived and worked in Paris, Singapore, Tokyo, Los Angeles, and finally Zürich.

Keynote 2: Professor Jon Timmis (University of York)

Working Across the Disciplines

Time: Monday, 27th June 2016, 14:30-15:30

Location: Auditorium B&C, Level 02

Abstract

Working across disciplines can be a challenge. Even though we might speak the same language, the same word means different things to different people, depending on their discipline. Misunderstandings are common. Some of the most exciting scientific and engineering challenges require different disciplines to work together, but this is not as easy as it might sound. In this talk I will reflect on my own experience of working across computer science, engineering and immunology and discuss how building a common language takes time, but can be done. Crucially, I will explore how all sides involved in the interdisciplinary adventure can benefit, and warn against the very real danger of one side being a service industry to the others. I will also discuss commercialisation of research and how to manage the challenges of translating from academia to commercial exploitation.

Professor Jon Timmis (University of York)



Jon Timmis is a Professor of Intelligent and Adaptive Systems and current Head of Department in the Department of Electronics at the University of York. He was a Royal Society-Wolfson Research Merit award holder (2011 – 2016) and a Royal Academy of Engineering Enterprise Fellow (2014 – 2015) and is co-founder and CEO of SimOmics Ltd a company providing

modelling and simulations solutions for the pharmaceutical industry. He is Director of York Robotics Laboratory and co-director of York Computational Immunology Laboratory. His research interests lie in the modelling and simulation of immune system function, fault tolerance in swarm robotic systems and biologically-inspired systems. He has published over 170 papers and graduated 25 PhD students over his career to date.

Social Events

Social activities are an important element of the SICSA PhD Conference – they give you a chance to network with students from across Scotland, catch up with people you know already, and make new contacts. We have therefore scheduled plenty of time each day for delegates to gather together informally. The poster sessions will also provide you with an opportunity to find out about some of the great research currently being undertaken within the SICSA institutions.

At the end of the first day, 27th June, delegates are invited to a Civic Reception in the grand surroundings of the Glasgow City Chambers. There will be complementary drinks and a buffet dinner, accompanied by light music from the Amarone Ensemble. This will be a chance to relax, eat and drink after a busy first day!

The Glasgow City Chambers is located in George Square in the heart of Glasgow, less than 10 minutes walk from the conference accommodation. The location is shown on the map on pages 11-12.

The evening reception will formally begin at 7.30pm – delegates are advised to arrive at around 7.15pm.



Post-Reception Activities

After the evening reception finishes at 9.30pm, delegates are welcome to select one of the organised options for evening entertainment. Delegates can either:

- Join friends and colleagues at the Committee Room No. 9 bar, where we have reserved a space especially for the conference. This will be a chance to continue the festivities late into the night! Committee Room No. 9 is shown on the map on pages 11-12.
- Take part in our cinema trip to Cineworld Glasgow. If you have selected this option, please pick up your ticket from the registration desk on the morning of the 27th June. Cineworld is shown on the map on pages 11-12.

If you do not wish to take part in any of the post-reception activities, there are many other options for entertainment in Glasgow's bustling city centre. For information on what to do and see, please visit <https://peoplemakeglasgow.com> or <https://www.timeout.com/glasgow>.



Travel and Accommodation

The conference will take place at the Technology and Innovation Centre, University of Strathclyde. The Technology and Innovation Centre (TIC), University of Strathclyde is a brand-new state-of-the-art building opened in 2015. It boasts excellent conference facilities, delicious catering and a great environment for learning. Wi-Fi access is provided via Eduroam and there are also accounts for non-academic visitors.

Accommodation

Delegates coming from outside of the Glasgow area will be accommodated overnight on the 27th of June in the Chancellors Halls of Residence. The residence features single study bedrooms with en-suite bathrooms and shared kitchen, living room and dining room spaces. A map with the residence halls is shown on pages 9-10, and details about the halls of residence can be found at <http://www.strath.ac.uk/accommodation/ouraccommodation/undergraduateaccommodation/chancellorshall/>.

Delegates will walk to the halls of residence after the final session on day 1 (27th June) and staff will be on hand at the residences to check delegates into their rooms. Delegates will check-out in the morning on day 2 (28th June) and breakfast will be provided for all for all those staying at the Chancellors Halls of Residence. Storage space for delegates' luggage will be provided at the conference venue.

Prayer Room Facilities

There is a multi-faith, co-gender reflection room located on level 3 of the Technology and Innovation Centre. All delegates are welcome to use these facilities during the conference. Details on alternative places of worship within the Campus can be found at http://www.strath.ac.uk/chaplaincy/places_of_worship/.

Getting Here

Public Transport

The Technology and Innovation Centre (TIC) is ideally situated in Glasgow City Centre. The TIC is less than 10 minutes walk from Glasgow Queen Street railway station, High Street railway station and Buchanan Street Subway station. Glasgow Central and Argyle Street stations are also a short distance away. George Street is also well served by buses.

Delegates should be aware that there are major improvement works taking place at Glasgow Queen Street station over the summer. These are likely to have an impact on your journey if you are travelling to Glasgow by rail. For example, you may be diverted to an alternative station and your journey may take longer than usual. We would encourage you to keep updated by visiting <https://www.scotrail.co.uk/QueenStreetTunnel>.

By Air

Glasgow is served by two airports, Glasgow International Airport and Glasgow Prestwick Airport. Both have good public transport links to the City Centre.

Walking

Glasgow is a large city by UK standards, but the City Centre is compact and it is a pleasure to walk around. The TIC, delegate accommodation and social events will be concentrated in an area of around 1 square Kilometre.

Taxis

Glasgow is well-served by taxis black-cabs are ubiquitous and can be flagged from the pavement at most hours of the day and night. If you need to book however, call Glasgow Taxis on +44 (0) 141 429 70 70.

By Car

Given the excellent public transport network in Glasgow and the high cost of parking, we recommend that delegates use the above options. However, if you wish to drive to the conference there is an NCP car park on George Street, opposite the TIC. There are also options for on-street parking close-by. There are no options for

free-parking in Glasgow city centre.

Please visit <https://peoplemakeglasgow.com/visiting/getting-around> for more information and links on getting to and around Glasgow.

Things to do

Glasgow is a lively and vibrant city with much to offer. For more information on things to see and do whilst visiting Glasgow please visit <https://peoplemakeglasgow.com>.

More Information

The SICSA team are happy to help with any queries about getting to and around Glasgow and are happy to provide recommendations for things to do and see whilst you are in the city. Please email admin@sicsa.ac.uk if you have any questions.

Offers

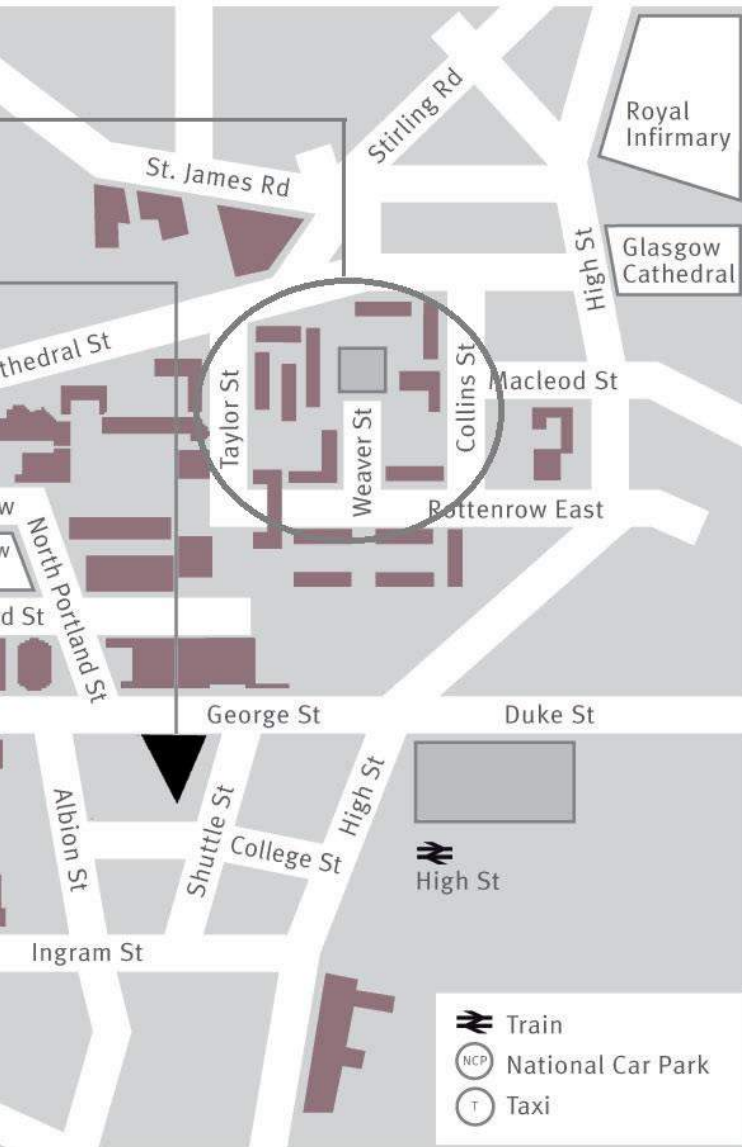
Our partners the Glasgow City Marketing Bureau have provided a range of offers and discounts for delegates whilst they are visiting the city. For more information, please visit:
<http://conventions.peoplemakeglasgow.com/attending-a-conference/special-offers/>



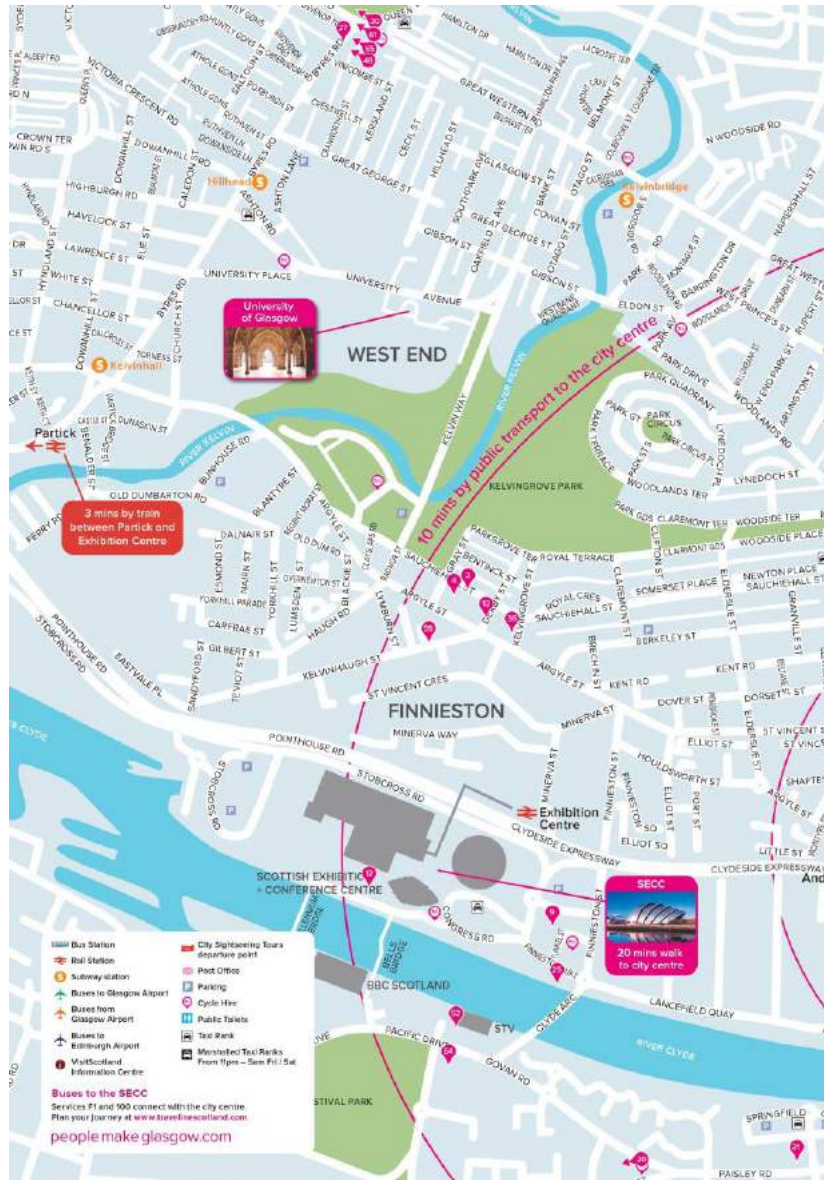
Map: University of



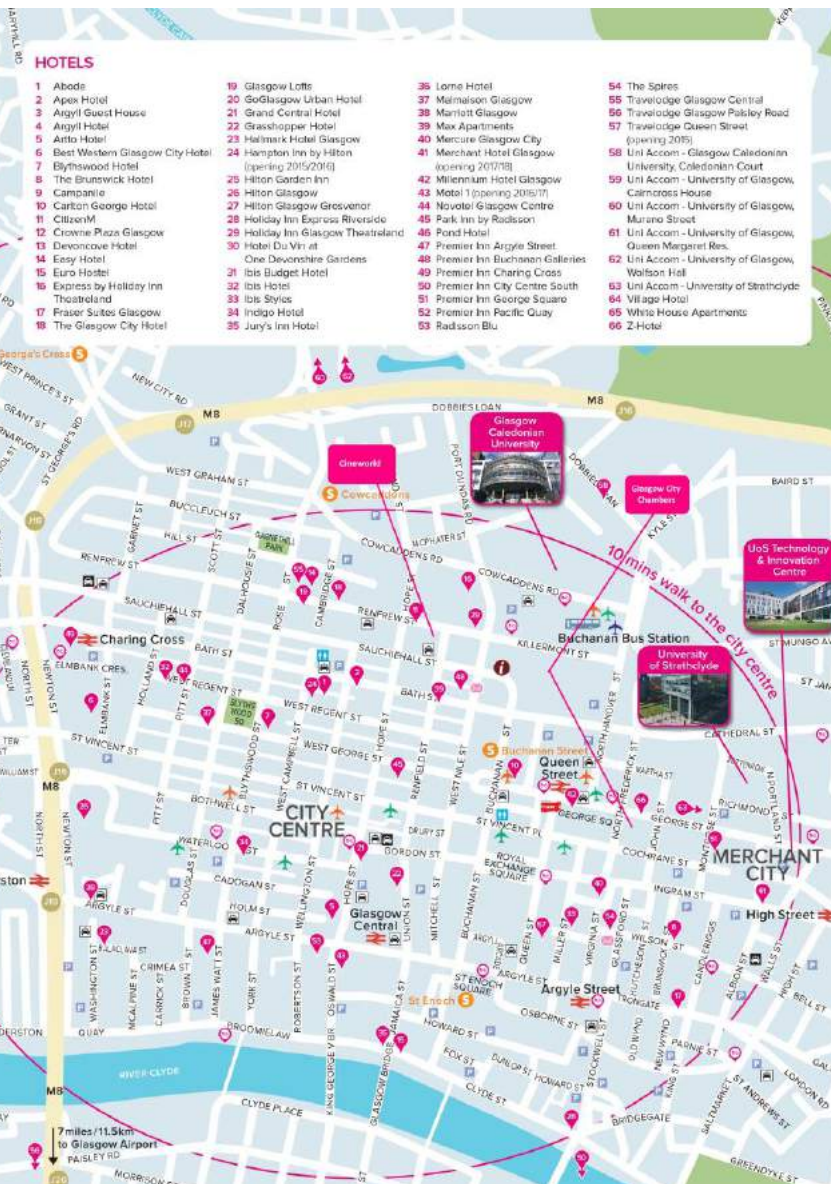
Strathclyde Campus



Map: Glasgow



City Centre



Conference Programme

Day 1 Monday, 27th June 2016

Time	Session/Workshop Name	Room, Level
09:30-10:20	Registration & Bag Drop	Foyer, Level 02
10:20-10:30	Opening Address	Auditorium B & C, Level 02
10:30-11:30	Keynote Presentation - Emmanuel Mogenet	Auditorium B & C, Level 02
11:40-13:10	Thesis Statement Workshop (years 3 and 4)	Conference Room 4 & 5, Level 03
	Pitching Workshop	Conference Room 3, Level 03
	Reproducible Research Workshop	Auditorium A, Level 02
	Impact Through Engagement Workshop	Conference Room 6 & 7, Level 03
13:10-14:30	Lunch & Poster Session	Foyer & Mezzanine, Level 03
14:30-15:30	Keynote Presentation - Professor Jon Timmis	Auditorium B & C, Foyer
15:30-17:30	Interdisciplinary Collaboration Workshop	Auditorium A, B & C, Level 02 Conference Room 4, 5, 6 & 7, Level 03 City Observatory, Level 08
17:30-19:30	Check In and Free Time	Chancellors Halls of Residence
19:30-21:30	Evening Civic Reception	Glasgow City Chambers
21:30-late	Social Events	Cineworld/Committee Room No. 9

Day 2 Tuesday, 28th June 2016

Time	Session/Workshop Name	Room
09:30-09:50	Registration	Foyer, Level 02
10:00-11:30	Career Planning Workshop (Panel Session)	Auditorium B, Level 02
	Thesis Statement Workshop (years 1 and 2)	Conference Room 6 & 7, Level 03
11:30-13:00	Poster Session	Foyer & Mezzanine, Level 03
13:00-14:00	Lunch	Foyer & Mezzanine, Level 03
14:00-15:30	Student Presentations	Auditorium B & C, Level 02
15:30-16:00	Prize giving & Event Close	Auditorium B & C, Level 02

Workshop Session: Thesis Statement

Time: Day 1, 11:40-13:10 (Y3&Y4), Day 2, 10:00-11:30(Y1&Y2)

Location: Conference Rooms 4 & 5 and 6 & 7, Level 03

Facilitator: Prof. Iadh Ounis and Dr. Craig Macdonald, University of Glasgow

Co-ordinator: Graham McDonald

RDF Domain: A

Abstract

Every PhD student should have a main point, a main idea or central message in their research. The argument(s) the student makes in their thesis should reflect and support this main idea. The sentence that captures the position on this main idea is the thesis statement. This session will discuss the important characteristics of the thesis statement and how the statement should be developed to be the focal point of a PhD thesis.

There will be two *Effective Writing: Thesis Statement* sessions during the PhD conference. One session will be for students currently in the first or second year of their PhD, while the other session will be for students currently in the third or fourth year of their PhD. The session activities will be tailored to the attendee's year of study and will focus on:

- The importance of the thesis statement.
- Pitfalls to avoid when writing a thesis statement.
- The points that the thesis statement should address.

All students attending the session will be asked to submit a copy of their thesis statement and research questions. The anonymized statements will be used as examples for discussion in the workshop.

Content

This session will be mostly practical and interactive, supported by feedback from experienced academics.

- Part 1 (30 minutes): Presentation on developing and refining your thesis statement by a senior academic, followed by Q&A.
- Part 2 (30 minutes): Group break-out activity: Each group will be given 2-3 anonymized thesis statements to review and comment on.
- Part 3 (30 minutes): Re-group discussion: The academic will lead a discussion of interesting points that were raised during the break-out activity.

Learning Outcomes

- The student should have a good understanding of the importance and purpose of a thesis statement.
- The student should be able to identify the characteristics of an effective thesis statement.
- The student should be able to develop a thesis statement that explicitly outlines the purpose or the point of their research and can be argued for throughout their thesis.



Workshop Session: Pitching

Time: Day 1, 11:40-13:10

Location: Conference Room 3, Level 03

Facilitator: Bonnie Hacking

Panel Members: Gillian Docherty, Gabrielle Milson and Susie Fisher

Co-ordinators: Khawar Shehzad and Zalina Ayob

RDF Domain: Domain B: Personal Effectiveness

Abstract

This workshop is aimed at developing your pitching skills, regardless of your prior knowledge or experience. The workshop will help you to develop your confidence and skills in pitching to an audience and you will be provided with specialist guidance and advice from our expert session facilitators. This session will be capped at 15 delegates to allow adequate time for pitching and feedback. Places will be offered on a first-come-first-served basis.

This workshop is aimed at:

- Delegates who want to improve their communication skills, or increase their confidence of pitching their research to an audience
- Budding entrepreneurs – researchers who have a business idea and want to gain skills for pitching to potential investors

Learning Outcomes:

Delegates will:

- Learn the basic techniques required for creating a good verbal pitch and presentation.
- Look at designing the right pitch structure and content
- Get exposed to the method and practice of different types of pitching, understand and learn how to switch between personal pitch, business pitch and your solution to the audience.
- Improve public speaking skills and confidence
- Have an opportunity to pitch to an audience and receive expert feedback.

The panel will decide upon the 3 best pitches at the workshop session and these delegates will then have the opportunity to deliver their pitches to the conference delegates at the final presentation session on the afternoon of day two.

Preparation:

Those registered for this session will need to be prepared to pitch a specific idea (i.e. their research or a business idea) to an audience, including a panel of experts from business and academia. Each pitch must last no more than 2 minutes.

In preparation for the session, you should:

- Provide a short abstract about your pitch (max 250 words)



Workshop Session: Reproducible Research

Time: Day 1, 11:40-13:10

Location: Auditorium A, Level 02

Facilitator: Prof. Ian Gent, University of St. Andrews

Co-ordinator: Graham McDonald

RDF Domain: A

Abstract

Reproducibility is a cornerstone of the scientific method. And in many ways it is easier in computing because we can often just run our programs again and see if we get the same result. So it seems that computer science should be one of the most reproducible of all. This does not seem to be the case. This affects all of us negatively. Not only does it mean we might doubt how valid any given result is, but it often means we cannot build on the state of the art. For example, if you cannot run another researcher's code from last year, how do you know whether your code is an actual improvement on it? In this workshop we will look at some of the key issues involved in reproducible research, and hope to improve your ability to make reproduce other people's research and make your own research reproducible.

Content

The session will kick off with an introductory presentation before we begin the group activities. During the workshop, delegates will mostly be working in groups to discuss the pros and cons of reproducibility, including the practicalities of reproducibility, the costs associated to reproducibility and the extrinsic issues, such as legal or ethical issues. The workshop will have a focus on issues that relate to reproducing the work of other researchers and, also, steps that can be taken to make your own research more reproducible. There will also be a re-grouping session, for groups to share their insights, before the workshop concludes with an interactive polling session.

- Part 1) Presentation (15 mins).
- Part 2) Group discussions on reproducibility (35 mins).
- Part 3) Re-grouping to discuss findings from Part 2 (25 mins).
- Part 4) Interactive polling session (10 mins).

Learning Outcomes

After attending the workshop, delegates will be able to:

- Identify the benefits of making research reproducible.
- Identify the main issues that can make reproducibility challenging (when making your research reproducible, or when reproducing other people's experiments).
- Recognise practical steps to overcome the identified challenges and evaluate the pros and cons of any solution.
- Have a high-level understanding of the non-computational issues that relate to reproducible research, such as legal or ethical issues.



Workshop Session: Impact Through Engagement

Time: Day 1, 11:40-13:10

Location: Conference Room 6 & 7, Level 03

Facilitator: Dr Jamie Gallagher, Public Engagement Officer Glasgow University (Research Strategy and Innovation Office)

Co-ordinator: Maria Evangelopoulou

RDF Domain: D

Abstract

Increasingly researchers are being encouraged to share their work with wider society. This session will look at the benefits that Public Engagement can offer to both the research and the researcher. We will explore creating an engaging narrative around your work and how to deliver this.

Content

This session will explore the topic of Public Engagement with Research. In this session Dr Jamie Gallagher will take you through the key aspects of planning successful Public Engagement. We will explore what makes good Public Engagement and how this can be used to raise your own profile and enhance your research. We will also cover how Public Engagement can be used to develop your skills to increase your employability.

Dr Jamie Gallagher is the Public Engagement Officer for the University of Glasgow, he is also an award winning Science Communicator. He is named as one of the Science Council's "100 leading practising scientists and is one of the Royal Society of Chemistry's "Faces of Chemistry". He has performed science shows to tens of thousands of people around the UK and abroad.

Learning Outcomes

- Creating an engaging narrative
- Measuring the success of engagement
- How and where to start engaging the public with your research
- Using engagement to enhance your skills and employability

Workshop Session: Interdisciplinary Collaboration

Time: Day 1, 15:30-17:30

Location: Auditorium B & C (Level 02), Conference Rooms 4 & 5, 6 & 7 (Level 03), City Observatory (Level 08), and Auditorium A (Level 02)

Facilitator: Dr Karen Petrie and Dr Chris Jefferson

Co-ordinators: Blessing Mbipom, Rui Li

RDF Domain: D

Abstract

Collaboration enhances creativity and results in high quality research. SICSA enables researchers to collaborate with a key objective of advancing Scotland's position as a world leader in Informatics and Computer Science research and education. This workshop aims to provide some information and hands-on experience to encourage collaborative innovation among research students.

Content

- What makes a good collaboration and why? (10 minutes)
- Grouping (20 minutes)
- Collaboration Workshop (70 minutes)
- Elevator pitches (20 minutes)
- Awards (Day 2)

Dr Chris Jefferson will introduce the session highlighting elements of a good collaboration and the need for interdisciplinary research. After this, every participant will have a chance to decide on a group to work in based on their research background and current interests. This process will be coordinated by the facilitator.

The goal of each group will be to come up with a research question they can work on. Everyone should bring their laptops, tablets, phones and other tools which will be useful for the collaborative research task and for preparing presentations. These electronic devices will also be needed to vote for the best research idea.

At the end of the collaboration task, each group will present their research idea to the rest of the room in about 2 minutes. Participants will then have a chance to vote on the best research idea after the elevator pitches. The best pitches from each room will have the opportunity to present their idea to the conference delegates at the final presentation session on the afternoon of day two.

Learning Outcomes:

Participants will be able to:

- Have the experience of working in interdisciplinary groups.
- Work in groups to come up with a collaborative research idea.
- Articulate that research idea.

Workshop Session: Career Planning Panel Session

Industry vs Academia: where is your next step after PhD?

Time: Day 2, 10:00-11:30

Location: Auditorium B, Level 02

Facilitator: Robin Henderson

Co-ordinators: Maria Evangelopoulou, Rui Li, Tayyaba Nafees, Gideon Bamidele Ogunniye

RDF Domain: B

Abstract

One of the biggest decisions that a PhD student will have to take is answering the question: “What to do next?”. Doing a PhD is a significant achievement but ensuring that you maximise the opportunities which result from the PhD is important as the job market, both inside and outside of academia, is very competitive. This workshop will help delegates gain more insight into possible career paths in both the industrial and the academia sector, as well as identifying opportunities for PhD candidates to differentiate themselves in the job market from other researchers through developing their transferable skills and gaining additional accreditations. The panel members invited from both industry and academia will share their experiences and views on the different career paths to inspire and aid the delegates to consider the wide range of career paths available and how to steps to controlling their career direction.

Research Development Framework (RDF)

The main objective of this workshop follows the Domain B of the RDF, particularly in Career Managements, Responsiveness to Opportunities and Networking of the sub-domain B2 Professional and Career Development, and B3 Self-management. Successful outcomes of the session would possibly have a boarder impact among the RDF spectrum on items such as Policy (D3) in Domain D Engagement and Impact, and Domain C, Research Governance and Organization.

Structure:

1. Presentation by the main facilitator (30 min)
2. Panel session by a number of experts from industry and academia (30 min)
3. Interactive Q&A between the audience and panel members (30 min)

Learning Outcomes:

1. The delegates should have an improved understanding of a range of opportunities that would strengthen and evidence their skills and knowledge during their study as PhD candidates
2. The delegates should have a more strategic vision of personal development and a more thoughtful plan for their future career
3. The delegates should be more proactive in career related decision making and better prepared for employment seeking process in the future.



Poster Sessions

Time: 13:10-14:30, 27th June 2016 and 11:30-13:00, 28th June 2016.

Location: Foyer & Mezzanine, Level 03

Co-ordinators: Luca Gasparini, Nadia Taou and Charalampos Kyfonidis

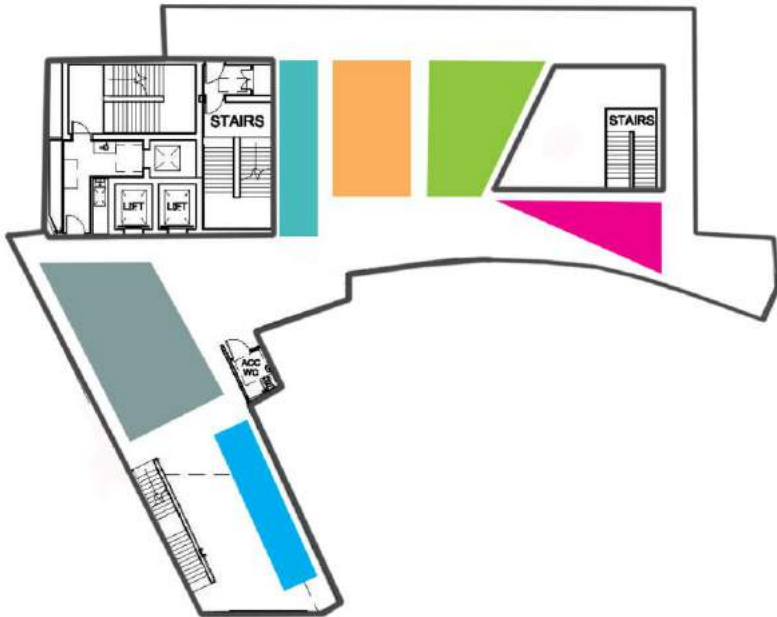
At this session, all delegates are invited to present their research to colleagues from other Scottish Universities. Each submitted poster will be reviewed by academics who are currently working within your research area. All posters will have a chance to compete for the Best Poster Award in three different categories: First year, Second year and Third year. This year, we are giving those who submit a poster the opportunity to have a technology demonstration alongside their poster. Delegates can therefore submit a poster or a demonstration, or both. Please note that posters will be on display in the Level 03 Foyer and Mezzanine throughout the conference.

Competition

We will shortlist 9 candidates (three from each year) from each SICSA research theme based on the earned scores given by reviewers. These candidates will go on to present their posters at the final session on day two and the winners will be decided by a panel of expert judges. Three prizes will be awarded, one for the winner of each year, and one prize will be awarded for the winner of the demo presentation.

Poster Session: Floor-Plan

Level 3, Technology and Innovation Centre



-  Sponsor Zone
-  Catering
-  Modelling & Abstraction
-  Human-Computer Interaction
-  Complex Systems Engineering
-  Next Generation Internet

Posters & Technology Demos

Human Computing Interaction

1st Year

1. Gözel Shakeri: Haptic Feedback in Cars
2. John Morrison: Ethnofictions and collaborative digital storytelling.
3. Sara Nevay: Crafted Communication: Co-designing soft e-textile solutions for social connectedness with older adults.

2nd year

4. Ingo Keller: Facilitating long-term engagement in robot companions by incorporating context awareness Poster & Demo
 5. Srikanth Ronanki: Prosodically-enhanced models for DNN based speech synthesis
 6. Mihaela Dragomir: Exploring technology-based prompting to support pretend play in children with autism
 7. Gonzalo Mendez: Information Visualization on Non-Traditional Data Source
Tech Demo
-

Modelling & Abstraction

1st Year

8. Jesus Monge-Alvarez: SmartCough SigPro: advances signal processing methods for Continuous monitoring and analysis of cough events based on smartphones
9. Azwa Bin Abdul Aziz: Sentiment Analysis
10. Hector Fried: $D+E=I^3$

2nd Year

11. Clara Hollomey: Simulation of the Effects of Sensorineural Hearing Loss
Poster & Demo
12. Jarana Manotumruksa: Context-aware venue recommendation Poster & Demo
13. Ahmad Alzubi: Semantic Content-Based Image Retrieval Using Multifeature Analysis and Deep Learning
14. Olugbenga Adejo: Data mining and learning analytics: Predicting Student performance using aggregated data sources

3rd Year +

15. Joe Wandy: Probabilistic methods for liquid chromatography mass spectrometry data processing Poster & Demo
 16. Ciaran McCreesh: Solving Hard Subgraph Problems in Parallel
 17. Xiaoyu Xiong: Adaptive Multiple Importance Sampling for Gaussian Processes and Its Application to Social Signal Processing
 18. Mayowa Ayodele: Probabilistic Modeling for Industrial Optimisation.
 19. Ebuka Ibeke: Contrastive Opinion Mining
 20. Anil Bandhakavi: Lexicon based Emotion Analysis of Heterogeneous Text Collections
 21. Yoke Yie Chen: Aspect-based Sentiment Analysis in Social Recommendation Systems
 22. Salah Rana: Knowledge Management Systems and The Role of Artificial Intelligence
-

Complex Systems Engineering

1st Year

23. Christopher Stone: Graph representation for hyper-heuristics
24. Damien Anderson: General Video Game Playing using Search, Learning and Ensemble Decision Systems
25. Hazem Fayyad: Analytics Driven Enterprise Asset Management for Asset Intensive Industries.

2nd Year

26. Oseghale Igene: Developing a Hybrid AcciMap Model for analyzing Health IT related accidents
27. Tayyaba Nafees: addressing the Fundamental problems of cybersecurity through anti-patterns

3rd Year +

28. James Sutherland: DMA Forensics, Attacks and Countermeasures Poster & Demo
 29. Mozghan Kabiri Chimeh: Accelerating circuit simulation on multicore
 30. Foteini Katsarou: Towards Scalable Indexed Subgraph Query Processing Methods
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Next Generation Internet

1st Year

31. Baraq Ghaleb: On efficient routing in Internet of Things

2nd Year

32. Biralatei James Fawei: Question answering on legal text
33. Elochukwu Ukwandu: Distributed and Robust Sharing Within Secured Cloud-based Architecture
34. Anjie Fang: A user study of topic coherence metric for Twitter data

3rd year +

35. Heiko Angermann: Utilizing background knowledge for customer specific taxonomy evolution Poster & Demo
36. Haifa Al Nasser: Virtual Network Isolation security in cloud computing: Data Leakage
37. Percy Perez: Testing the Future Internet Architecture in Mobile Named Data Ad hoc Networks.

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- Adeola Fabola, University of St Andrews, Communications/Web Coordinator, Delegate Packs
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If you are interested in becoming part of the organising committee for the SICSA PhD Conference 2017, please contact admin@sicsa.ac.uk for more information.

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