

# SICSA Research Theme Activity Report

Please complete all sections of this reporting template and submit within 3 months of your event or activity taking place. This report will allow the SICSA Directors to provide detailed information about the progress of SICSA Education to the Pool funders, SFC, and your cooperation is appreciated.

Name of event organiser: Mohamed Khamis, Florian Mathis, Patrizia Di Campli San Vito

Email address: mohamed.khamis@glasgow.ac.uk

Institution: University of Glasgow

Title of event: SICSA PreCHI day 2020

Location of the event: Online

Date of event: 12 May 2020

Total funds claimed for event: £0

**Please outline in brief what took place at the event, providing details of speakers and titles of talks:**

The SICSA PreCHI day is a chance to celebrate the success of Scottish institutions at CHI, and it helps create a strong HCI community in Scotland.

Due to COVID-19 we could not hold the event in Glasgow as planned. Instead, we held it online and offered participants the chance to present their papers, enjoy live discussions, and even network in a virtual space that was created for the event.

The SICSA PreCHI day consisted of two major components: 1) Presentations followed by discussions (both on Zoom), and 2) Networking, videos, and poster presentations in virtual breakout rooms (took place on Mozilla Hubs).

Below is the schedule with the 11 talks and the speakers. Also two posters were presented in the break out sessions.

09:00 –  
09:15

Opening (on Zoom)

09:15 –  
10:35

Session #1: XR, Visualisation, and Product Design (Chair: Patrizia Di Campli San Vito)

- **Acoustic Transparency and the Changing Soundscape of Auditory Mixed Reality** (Mark McGill, Stephen Brewster, David McGookin, Graham Wilson; University of Glasgow, Aalto University, and University of Strathclyde) [[paper](#)]
- **Cheat Sheets for Data Visualization Techniques** (Zezhong Wang, Lovisa Sundin, Dave Murray-Rust, Benjamin Bach; University of Edinburgh and University of Glasgow) [[paper](#)]
- **Virtual Field Studies: Conducting Studies on Public Displays in Virtual Reality** (Ville Mäkelä, Rivu Radiah, Saleh Alsharif, Mohamed Khamis, Chong Xiao, Lisa Borchert, Albrecht Schmidt, Florian Alt; LMU Munich, Bundeswehr University Munich, University

	<ul style="list-style-type: none"> <li>of Glasgow, German University in Cairo, and Tampere University) [<a href="#">paper</a>]</li> <li>• <b>Exploring The Future of Data-Driven Product Design</b> (Katerina Gorkovenko, Daniel J. Burnett, James K. Thorp, Daniel Richards, Dave Murray-Rust; University of Edinburgh and Lancaster University)[<a href="#">paper</a>]</li> </ul>
10:35 – 10:45	Introduction to Mozilla Hubs (Videos, Posters, Socialising)
10:45 – 11:15	Break (on Mozilla Hubs)
11:15 – 12:15	<b>Session #2: Privacy and Security</b> (Chair: Florian Mathis) <ul style="list-style-type: none"> <li>• <b>Understanding Privacy-Related Questions on Stack Overflow</b> (Mohammad Tahaei, Kami Vaniea, Naomi Saphra; University of Edinburgh) [<a href="#">paper</a>]</li> <li>• <b>The Role of Eye Gaze in Security and Privacy Applications: Survey and Future HCI Research Directions</b> (Christina Katsini, Yasmeen Abdrabou, George E. Raptis, Mohamed Khamis, Florian Alt; Human Opsis, Bundeswehr University Munich, and University of Glasgow) [<a href="#">paper</a>]</li> <li>• <b>What is this URL's Destination? Empirical Evaluation of Users' URL Reading</b> (Sara Albakry, Kami Vaniea, Maria K. Wolters; University of Edinburgh) [<a href="#">paper</a>]</li> </ul>
12:15 – 13:30	Lunch + Networking on Mozilla Hubs
13:30 – 14:50	<b>Session #3: Smart Homes and Accessibility</b> (Chair: Mohamed Khamis) <ul style="list-style-type: none"> <li>• <b>Household Surface Interactions: Understanding User Input Preferences and Perceived Home Experiences</b> (Garreth W. Tigwell, Michael Crabb; Rochester Institute of Technology and University of Dundee) [<a href="#">paper</a>]</li> <li>• <b>Emoji Accessibility for Visually Impaired People</b> (Garreth W. Tigwell, Benjamin M. Gorman, Rachel Menzies; Rochester Institute of Technology, Bournemouth University, and University of Dundee) [<a href="#">paper</a>]</li> <li>• <b>Designing Clinical AAC Tablet Applications with Adults who have Mild Intellectual Disabilities</b> (Ryan Colin Gibson, Mark D. Dunlop, Matt-Mouley Bouamrane, Revathy Nayar; University of Strathclyde) [<a href="#">paper</a>]</li> <li>• <b>A design engineering approach for quantitatively exploring context-aware sentence retrieval for nonspeaking individuals with motor disabilities</b> (Per Ola Kristensson, James Liley, Rolf Black, Annalu Waller; University of Cambridge and University of Dundee) [<a href="#">paper</a>]</li> </ul>
14:50- 15:00	Wrap-up (on Zoom)
15:00 – open ended	Networking on Mozilla Hubs

**Please provide details of how many attended and if possible, information about which institutions were represented:**

In total, we had 69 registrations. As people signed in and out, we usually had around 40 attendees online at the same time throughout the event.

Attendees came from 18 different institutions:

- University of Glasgow
- University of Edinburgh
- University of Cambridge

- University of Dundee
- Abertay University
- University of the West of Scotland
- Edinburgh Napier University
- University of Strathclyde
- University of St Andrews
- Rochester Institute of Technology
- Heriot-Watt University
- University of Southern Denmark
- University of Tsukuba
- Technical University of Darmstadt
- University of Malta
- IIIT Delhi
- Tongji University
- Bournemouth University

**Outcomes:**

Please provide details of any further outcomes that have come as a result of this activity:

- The Scottish HCI community has excellent achievements this year. One paper received honorable mention award (top 5%) and two received the best paper award (top 1%).
- We used Mozilla hubs to create a virtual area (with a Hawaii theme since CHI 2020 was intended to be in Hawaii) where participants could network, watch video submissions, and poster presentations. This worked out very well (see screenshots below of the virtual environments). The participants enjoyed the virtual breakout sessions. Some experienced technical issues with audio. However, it was still an enjoyable experience for many. This is definitely something we should consider adopting in future online events to compensate for the lost networking opportunities.



Do you have any plans to bid for further SICSA Education in the future?

No specific plans at the moment, but I am happy to organize PreCHI days again in the future.

I am also happy to pass my experience in organizing this event to others who would like to organize something similar.