The Inaugural CUHK Research Summit

Digital Methods & Social Development

DIGITAL METHODS

2016

Welcome note

" Welcome to the Inaugural CUHK Research Summit!

The C-Centre (the Centre for Chinese Media and Comparative Communication Research) at the School of Journalism and Communication, the Chinese University of Hong Kong, welcomes you to the Inaugural CUHK Research Summit: Digital Methods and Social Development.

This week-long event during 21-27 August 2016 emerges from two observations. First, despite the rapid growth of digital applications in data mining, social media analysis, data visualization, and related research device in recent years, these latest methodological instruments often serve resource-rich organizations exclusively. Second, the materials being analyzed, especially those that are natively digital, seldom transcend the boundaries of European languages and western societies. We therefore decide to organize our Sunday Summit on August 21 and the Summer School from August 22-27 with explicit goals to direct research resources to the less resourceful and to non-European settings, starting from concrete problems we face in Hong Kong and in Greater China.

Building on the 10-year legacy of the Digital Methods Summer School at the University of Amsterdam (digitalmethods.net), we have successfully selected 23 participants from a large pool of applicants, who come from very diverse disciplinary, cultural, methodological backgrounds. You will conduct groupwork on four topics: the Des Voeux Road Central Initiative by Hong Kong Clean Air Network, the Disney campaign by Students and Scholars Against Corporate Misbehaviour, a "postdemographics" project for the social enterprise music-player maker Aivvy, and the September 2016 Hong Kong Legislative Council Election.

With generous funding from CUHK and the Faculty of Social Science, we are pleased to have invited 5 keynote speakers from major universities, leading public-sector research units, and global industry leaders: Michael Best, Wenhong Chen, Melissa Gregg, Isaac Mao, and Richard Rogers. They will share their insights on the intersection between digital methods and social development during the Sunday Summit. We are also delighted to have Natalia Sanchez, Gabriele Colombo, Michele Mauri, Agatha Brilli, Mariasilvia Poltronieri, Nick Zhang, and LIANG Hai as our group trainers. Equally excited we are to have Prof. XIANG Fan to showcase her innovative and thought-provoking digital artwork in the afternoon of August 24 (Wednesday).

With the exception of the Sunday Summit and the artistic Wednesday afternoon reception, the remaining moments of the week are data sprints, where participants undertake empirical projects that conclude with final presentations Saturday afternoon.

As for the preparations there is also a set of video tutorials to help with the use of the digital methods software tools (see pp.10-11). In order to gain the most out of the experience, it is recommended that participants familiarize themselves with the materials in advance.

See you in August at CUHK!

On behalf of the programming committee members, Michael Chan, King-wa Fu, Celine Song, Lokman Tsui, and Angela Wu, as well as the C-Centre director Joseph Man Chan,

"

Richard Rogers and Jack Qiu

About C-Centre

About CUHK

A leading research university with global reputation, the Chinese University of Hong Kong (CUHK) is advancing the frontiers of knowledge and technology during our digital age. CUHK excels in the preservation, creation, application and dissemination of knowledge by teaching, research and public service in a comprehensive range of disciplines, thereby serving the needs and enhancing the well-being of the citizens of Hong Kong, China as a whole, and the wider world community.

About C-Centre

A key hub of intellectual exchange, the C-Centre aims to contribute to the studies of media and communication by conducting frontline research in Greater China and facilitating comparative scholarship globally. The Centre is located in the School of Journalism and Communication at the Humanities Building, New Asia College, CUHK.

Invited Speakers

Michael Best, United Nations University Institute on Computing and Society, Macau
Wenhong Chen, University of Texas at Austin, USA
Melissa Gregg, Intel Corporation, USA
Issac Mao, Social Brain Foundation, China
Richard Rogers, University of Amsterdam, The Netherlands
XIANG Fan, Tsinghua University, China

DM&SD Team

The Inaugural CUHK Research Summit organizing committee is co-convened by Richard Rogers and Jack Qiu. Its members include Michael Chan, King-wa Fu, Celine Song, Lokman Tsui, and Angela Wu. We are lucky to have strong administrative support from Zhifei Mao and Mandy Chan.

Trainers
Natalia Sanchez Querubin, Gabriele Colombo, Michele Mauri, Agatha Brilli, Mariasilvia Poltronieri, Nick Zhang, and LIANG Hai.

Facilitators
YAO Qian, YANG Shen, LU Shuning, Joy Lin, Chris Su, Jessica Kong, CHAN Chung Hong, LI Xueqing, NE Yee Man, and XU Deya.

Day to day schedule

SUN 21 AUG

1 LT2, Esther Lee Building CUHK

9:00	Opening Ceremony
9:30	Speaker: Melissa Gregg
10:30	Coffee Break
10.45	Speaker: Richard Rogers
11.45	Speaker: Wenhong Chan
12:45	Lunch
14:00	Speaker: Michael Best
15:00	Speaker: Issac Mao
16:00	Coffee Break
16:15	Panel Discussion
17:15	Closing

MON 22 AUG

2 C-Centre
Humanities Building

9:15	Project introductions
11:00	Coffee break
11:30	Workshop Session I
12.30	Lunch break
13:30	Workshop Session II
15:00	Tea break
15:30/ 17:00	Workshop Session III

TUE 23 AUG

 2 C-Centre
Humanities Building

9:15	Workshop Session I
11:00	Coffee break
11:30	Workshop Session II
12.30	Lunch break
13:30	Workshop Session III
15:00	Tea break
15:30/ 17:00	Workshop Session IV

WED 24 AUG

2 C-Centre
Humanities Building

9:15	Workshop Session I
11:00	Coffee break
11:30	Workshop Session II
12.30	Lunch break
13:30	Workshop Session III
15:00	Tea break
16:00	Digital Art Reception by XIANG Fan

3 University Library
Digital Scholarship
Lab

THU 25 AUG
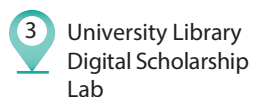
2 C-Centre
Humanities Building

9:30	Workshop Session I
11:00	Coffee break
11:30	Workshop Session II
12.30	Lunch break
13:30	Workshop Session III
15:00	Tea break
15:30/ 17:00	Workshop Session IV

FRI 26 AUG

2 C-Centre
Humanities Building

9:15	Workshop Session I
11:00	Coffee break
11:30	Workshop Session II
12.30	Lunch break
13:30	Workshop Session III
15:00	Tea break
15:30/ 17:00	Workshop Session IV

SAT 27 AUG

2 C-Centre Humanities
Building

9:15	Workshop Session I
11:00	Coffee break
11:30	Workshop Session II
12.30	Lunch break
13:30	Workshop Session III
15:00	Tea break
15:30	Public Presentations

Map of Locations

1 Esther Lee Building

2 C-Centre, Humanities Building

3 Digital Scholarship Lab, University Library

4 University Guest House

Directions to CUHK

Transportation between CUHK and Hong Kong International Airport
Located at Chek Lap Kok, Hong Kong International Airport is conveniently accessible via taxi, public airport bus, and Mass Transit Railway (MTR).

Taxi
A direct taxi ride between the airport and CUHK would cost about HK$300 per car (maximum 5 persons each), depending on the traffic.

Public Airport Bus
Public Airport Bus no. A41 goes between the airport and New Town Plaza in Sha Tin. It departs every 20 minutes at the Airport Bus Terminus, and the journey takes approximately one hour. Subsequent interchange with MTR rail or taxi would be required.

The MTR ride between Sha Tin station and University station would take about 10 minutes. Taxi ride between Sha Tin and CUHK directly would cost around HK$60 to HK$80 per car (maximum 5 persons each), depending on the traffic.

The Chinese University of Hong Kong, Humanities Building
Please get off at the University station of the MTR East Rail, find Exit A then take the University Shuttle bus No.2 (free of charge). Get off at the last stop New Asia College and it's the first building on your left.

The University Guest House
The University Guest House provide free shuttle pick up service from MTR University Station Exit A to the Guesthouse. Reservation is required. Please contact the Guest House Manager Mr. Mike Fung via email at guest-house@cuhk.edu.hk.

Logistics

Bring a laptop, VGA adaptor, power and a UK plug. An iPad is not enough.

Internet connections on campus
Eduroam-network is available throughout the CUHK campus. Wireless devices will work with the home organization's username and password. Wi-Fi network is also available in the Humanities Building. To connect, select wireless network connection "COM-1" or "COM-2" and the password is "ct7625j8".

Preferred channel of communication
Have a Skype account for workshop group exchange. If you do not wish to use Skype, ask the organizer for alternatives.

Meals and Insurance
We offer lunch during the training programme period (excluding the 21 Aug public event) and a farewell dinner to all participants. Non-local participants are advised to arrange their own accident, health and hospitalization insurance for their stay in Hong Kong.

Homework

Digital Methods Tools and Video Tutorials   ***recommended**

Google Scraper - Lippmannian Device*
Tool: https://tools.digitalmethods.net/beta/scrapeGoogle/
Video tutorial: https://www.youtube.com/watch?v=sH5iPmcbQl4&index-=3&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

The Research Browser
Tool: https://www.mozilla.org/en-US/firefox/new/
Video tutorial: https://www.youtube.com/watch?v=bj65Xr9GkJM&list=PLKzQwIKt-Jvv9lwyYxh4708Nqo6YC6-YH4

Issue Crawler
Tool: https://www.issuecrawler.net/ (request an account if user does not have one already)
Video tutorial: https://www.youtube.com/watch?v=eos644X7iv0&list=PLKzQwIKt-Jvv9lwyYxh4708Nqo6YC6-YH4&index=2

The Harverster
Tool: https://tools.digitalmethods.net/beta/harvestUrls/
Video tutorial: https://www.youtube.com/watch?v=kzaq9DXfO_g&list=PLKzQwIKt-Jvv9lwyYxh4708Nqo6YC6-YH4

Triangulation Tool*****
Tool: https://tools.digitalmethods.net/beta/triangulate/
Video tutorial: https://www.youtube.com/watch?v=jg9UzKcuuOE&index-=5&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Netvizz*****
Tool: https://apps.facebook.com/netvizz/
Video tutorial: https://www.youtube.com/watch?v=3vkKPcN7V7Q&index-=6&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4
https://www.youtube.com/watch?v=nO16lEzeaFk&index-=20&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4
https://www.youtube.com/watch?v=dfoYAPistYg&index-=7&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Twitter Capture and Analysis Toolset (DMI-TCAT) (***video tutorial recommended**)
Tool: http://tcat.digitalmethods.net/analysis/
Video tutorial: https://www.youtube.com/watch?v=ex97eoorUeo&index-=8&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Gephi*****
Tool: https://gephi.org/
Video tutorial: https://www.youtube.com/watch?v=snPR8CwPld0&index-=9&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4
https://www.youtube.com/watch?v=ngqWjgZudeE&index-=10&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Homework

Digital Methods Tools and Video Tutorials   (continued)

YouTube Data
Tool: https://wiki.digitalmethods.net/Dmi/ToolDatabase?cat=Device-
Centric&subcat=YouTube
Video tutorial: https://www.youtube.com/watch?v=sbErTW2MzCY&index-
=11&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

The Censorship Explorer
Tool: https://tools.digitalmethods.net/beta/proxies/
Video tutorial: https://www.youtube.com/watch?v=0KuRBFt8d8s&index-
=13&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Tracker Tracker
Tool: https://tools.digitalmethods.net/beta/trackerTracker/
Video tutorial: https://www.youtube.com/watch?v=UZpOrtjkyno&index-
=14&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Contropedia
Tool: http://contropedia.net/demo
Video tutorial: https://www.youtube.com/watch?v=fV-kp7g3XwM&index-
=15&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4
https://www.youtube.com/watch?v=lQGcOEay5Uw&index-
=16&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Wikipedia Edits Scraper and IP Localizer
Tool: https://tools.digitalmethods.net/beta/wikipedia2geo/
Video tutorial: https://www.youtube.com/watch?v=Pd51MaRUhzM&index-
=17&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

Wikipedia Cross-lingual Image Analysis
Tool: https://tools.digitalmethods.net/beta/wikipediaCrosslingualImageAnalysis/
Video tutorial: https://www.youtube.com/watch?v=L49fFd_O8ZA&index-
=18&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4

The Internet Archive Wayback Machine Link Ripper
Tool: https://tools.digitalmethods.net/beta/internetArchiveWayback-
MachineLinkRipper/
Video tutorial: https://www.youtube.com/watch?v=DVa2TBhp4a4&index-
=19&list=PLKzQwIKtJvv9lwyYxh4708Nqo6YC6-YH4