



COMPUTATIONAL COMPLEXITY FOUNDATION

Proceedings of the 2023 Business Meeting

Date: July 17, 2023, 18:30–20:30 BST

Location: The University of Warwick, UK

Chair: Valentine Kabanets, President of CCF

Scribe: Valentine Kabanets (in lieu of Amit Chakrabarti, Secretary of CCF, who could not attend). Subsequent edits by Amit Chakrabarti. Minutes reviewed by the chair and approved by the board.

Agenda:

CCC 2023

- Program Committee (PC) Report and Awards
- Local Arrangements (LA) Report
- Travel Awards Report

CCC 2024

- PC & LA

CCC 2025

- Hosting bids
- Q&A

CCF matters

- Treasurer Report
- Changes to the CCF Board

Other business

Convention for attributing quotes:

- C: Chair
- S: Speaker for the topic (indicated if other than the Chair)
- O: Other participant

Initial Remarks

C: Welcome. We start with the PC report.

CCC'23 PC Report and Awards

Speaker: Tom Gur, on behalf of Amnon Ta-Shma, Program Committee Chair for CCC'23

- Thanks to the PC members: Eli Ben-Sasson, Andrej Bogdanov, Lijie Chen, Alex Grilo, Mika Goos, William Hoza, Susanna F. de Rezende, Neeraj Kayal, Tali Kaufmann, Raghu Meka, and Francois Le Gall.
- Overview of the process
 - 74 submissions, 36 accepted. Acceptance rate = 48.6%
 - Average load per PC member: about 20 papers
 - Suggestion: authorize the PC to invite 5-10 papers for presentation in the conference. Invitations can be submitted any time after the PC is assembled.
- Acceptance rate
 - 74 submissions, 36 accepted (48.6%)
 - Comparison with past years:

2022:	38 / 90	(42%)
2021:	41 / 110	(37%)
2020:	38 / 99	(38%)
2019:	32 / 98	(33%)
2018:	28 / 74	(38%)
2017:	33 / 98	(34%)
2016:	34 / 91	(37%)
2015:	30 / 110	(27%)
2014:	29 / 94	(31%)
2013:	29 / 90	(32%)
2012:	34 / 119	(29%)

- This year the PC decided not to make any “best paper” awards.

C: Thanks to Amnon Ta-Shma and the PC.

CCC'23 Local Arrangements Report

Speaker: Tom Gur

- 84 attendees: 39 students, 45 regular attendees. This is 18% higher than last year.
- Income from registration fees: £20,880
 - 10 student registrations awarded by the local committee
- Total expenditure: £21,304 (gap covered locally)
- SafeToC advocates: Mary Scott, Namrata, Tom Gur, Mahdi Cheraghchi, Ian Mertz
- Local organisation committee: Artur Czumaj, Tom Gur, Sathya Subramanian
- Huge thanks to Maria Ferreira (Warwick DCS Finance)

CCC'23 Travel Awards Report

Speaker: Ben Rossman, Awards Chair for CCF

- Overview
 - Source of travel funding: \$20k NSF grant.
 - Higher than previous years (\$10-15K) due to high cost of travel to U.K.
 - Expected left-over funds ~\$7500 carry over to next year's conference.
- NSF Travel Awards
 - Awards cover airfare, accommodations, ground transportation, registration fee.
 - Limited to students currently enrolled at U.S. institutions.
 - We were able to fully fund the 6 eligible students who applied.
 - Decided by committee: Ben Rossman, Valentine Kabanets, Pierre McKenzie
- Thanks to:
 - Tracy Kimbrel (NSF) for advice on preparing the grant application.
 - Ryan Williams (previous Awards Chair) for sharing an archive of previous years' applications and other materials.
 - Amit Chakrabarti (CCF Secretary) for setting up the application webform.
 - Valentine Kabanets (CCF President) for help publicizing the awards.
 - Jennifer Schmidt (Duke) for administering the awards.

CCC'24 Program Committee

C:

- PC chair: Rahul Santhanam (Oxford)
- PC members: Scott Aaronson (Texas), Marshall Ball (NYU), Mark Bun (Boston), Dean Doron (Ben-Gurion), Ankit Garg (Microsoft Research India), Alexander Golovnev (Georgetown), Troy Lee (University of Technology, Sydney), Robert Robere (McGill), Noga Ron-Zewi (Haifa), Srikanth Srinivasan (Aarhus/IIT Bombay), Madhu Sudan (Harvard), Iddo Tzameret (Imperial), and Rahul Santhanam.
- The timeline is expected to be similar to that of CCC 2023

CCC'24 Local Arrangements

Speaker: Mahdi Cheraghchi, Local Arrangements Chair for CCC'24

- CCC 2024 will be held in Ann Arbor, Michigan, USA
 - Dates: July 22–25, 2024

- Venue: Michigan Union
- Talks, accommodation, and meals on campus
- Registration fee (approx): \$250 for students, \$350 for regular attendees.
- Local arrangements: Mahdi Cheraghchi (Chair)
- Travel and Accommodation
 - Location: Ann Arbor central campus
 - Nearby airport: Detroit (DTW), 30min drive, bus and taxi access
 - There are various accommodation/hotel options on campus.
 - The Inn at the Michigan League
 - Graduate Ann Arbor
 - Residence Inn by Marriott Ann Arbor Downtown
 - Bell Tower Hotel
- Things to do
 - Ann Arbor Art Fair (July 18-20, 2024)
 - - University of Michigan Nichols Arboretum
 - - University of Michigan Museum of Art
 - - Hill Auditorium
 - - Kelsey Museum of Archaeology
 - - Ann Arbor Hands-On Museum and Leslie Science & Nature Center
 - - Gerald R. Ford Presidential Library and Museum

CCC'25 Bids and Discussion

C: The following bids were presented.

Bid for St. John's, Canada (Memorial University of Newfoundland)

Speaker: Noah Fleming

- About the venue
 - Talks and accommodations on campus
 - Large conference room (400 people)
 - Social space and small rooms available
 - Local Arrangements: Noah Fleming &
- Travel and Accommodations
 - 10–15 minutes from St. John's intentional airport
 - 3 hour flight from Toronto
 - Accommodations on and within walking distance to campus (140-240 CAD/night)
- St. John's the City
 - Oldest city in Canada
 - Eastern-most point in North America

- Stunning natural beauty, world-class hiking, whale watching
- Award winning restaurants

Bid for Bengaluru, India (Indian Institute of Science)

Speaker: Prahladh Harsha

- Proposed dates: 14–16 July 2025 (flexible)
- About the venue
 - Lecture Hall: Tata Auditorium @IISc, capacity 450–750
 - Additional seminar halls
 - Adjacent grounds for hosting lunch and coffee/tea breaks
 - Spacious, green and pleasant!
 - Workshops @ ICTS: post-CCC (16–17 July), pre-conference school?
- Accommodation
 - On-Campus (15-25 min walk from venue)
 - Centenary Guest House
 - Main Guest House
 - Hoysala Guest House (student accommodation)
 - IISc Dormitories (student accommodation)
 - ICTS Guest House (45 mins drive from venue)
 - Free (including transportation)
 - Hotels (< 4km from IISc)
 - Sheraton Grand, Four Seasons, ITC Windsor, Taj Yeshwantpur, Gokulam Grand Hotel & Spa, Shangri-La, Renaissance, Taj West End, Holiday Inn, Radisson Blu Atri
- Travel and Connectivity
 - Kempegowda International Airport
 - 30-45 mins by cab from IISc
 - Non-stop flights to several international destinations
 - Kuala-Lumpur, Hong-Kong, Dubai, Tokyo, Kuwait, Singapore,
 - Paris, London, Amsterdam, Frankfurt, Munich
 - San Francisco, Sydney
 - Visas: Visa required for citizens of most countries to travel to India, however in several cases e-visas suffice.
- Why Bengaluru?
 - If chosen, the first ever CCC in India and first in Asia since 2016 (CCC'16 in Tokyo)
 - India and Bengaluru, especially, is home to a large number of computer scientists, especially complexity theorists.
 - Bengaluru - India's Garden City
 - Excellent weather (20-28 deg Celsius)
 - IISc – India's premier research institute (established in 1909)
 - Bengaluru -- rare distinction to house a premier research institute in the country (IISc), almost every global industry research/R&D lab one can name (Google

- Research, IBM Research, Microsoft Research, ...) and a vibrant tech ecosystem (Wipro, TCS, Infosys, Flipkart, Inmobi, ...)
- Very well connected domestically and internationally
- South Indian Filter Coffee

Bid for Toronto, Canada

(The Fields Institute, University of Toronto campus)

Speaker: Swastik Kopparty

- Overview
 - Proposed dates: 19–23 July 2025 (flexible)
 - Local arrangements: Swastik Kopparty, Ben Rossman (+ U of T theory group)
 - Estimated registration: \$215 (= US\$160)
 - Funding available for student and postdoc travel
- About the venue (Fields Institute)
 - Center for mathematical research
 - Hosts thematic programs and workshops
 - Lecture room seats 100–110 (overflow rooms available)
- Accommodation
 - Nearby hotels: price in CAD
 - Kimpton Hotel **** 15 minute walk \$260 + 17% tax
 - Chelsea Hotel *** 20 minute walk \$230 + 17% tax
 - U of T dorm room (6 nights minimum stay) \$45 + 12% tax
 - Many other nearby hotels and Airbnbs
- Travel
 - Pearson International Airport
 - direct flights from almost everywhere
 - ~45 minute drive to U of Toronto
 - Billy Bishop Airport (downtown)
 - flights from Newark, Boston, DC, Chicago
 - ~10 minute drive to U of Toronto

CCF Treasurer Report

Speaker: Pierre McKenzie, Treasurer of CCF
(All amounts in US\$)

- Funds in CC Foundation account
 - June 30, 2022: \$57,365, before CCC 2022 income and expenses
 - June 30, 2023: \$57,878, before CCC 2023 income and expenses
 - The fund is stable.

- Income and expenses
 - Income:
 - \$27 interest on bank deposit
 - \$2,137 CCC 2022 surplus (low Euro proceedings, \$0 invited speakers)
 - Special expenses
 - \$1,500 for 2021 and 2022 student paper awards, prepaid to us by EATCS
 - Recurring expenses:
 - \$755 Board liability insurance
 - \$216 CCF website hosting (3-year contract, \$0 in 2022–23)
 - \$111 CCF domain registration (5-year contract, \$0 in 2022–23)
 - \$63 New Jersey tax filing + NJ charity registration
- Things to watch for in 2023–24
 - New EasyChair fee structure: \$855 for CCC 2023
 - Best student paper award funds
 - Thanks to the European Association for Theoretical Computer Science
 - EATCS 3-year goodwill runs 2021–22–23
- History of the reserve fund (reminder)
 - 2014: CCC left the IEEE
 - 2014: \$21,000 from about 10 anonymous donors
 - 2014: \$1,200 from EATCS
 - 2015: \$30,000 from Microsoft
 - 2016: \$1,000 from anonymous donor

Changes to the CCF Board

- Outgoing officers:
 - Treasurer: Pierre McKenzie
 - Paper chair: Meena Mahajan
 - Both will serve on board until next CCC
- Outgoing board members:
 - Michal Koucký, Ryan Williams
- Incoming board members:
 - Treasurer: Mahdi Cheraghchi, University of Michigan, appointed by the board
 - Paper chair: Susanna de Rezende, Lund University, elected by CCF members
- Thanks to all past officers and board members for their service, and welcome to the new members!