SIGMICRO Business Meeting 2023

Reetu Das & Daniel Jimenez
reetudas@umich.edu
SIGMICRO Chair & Vice-Chair
30 October 2023
MICRO-56, Toronto, Canada
Thank You

• To all MICRO 2023 Organizers, Authors & Attendees

• Especially
  • Gennady Pekhimenko
  • Samira Khan and Yanos Sazeides
Agenda

• New SIGMICRO Committee and Roles
• Awards
• Finances
• MICRO 2022 Survey Results
• CASA Update
Thank you past SIGMICRO Executive Committee!

- Onur Mutlu, Chair
- Reetu Das, Vice-Chair
- Jose Joao
- Andreas Moshovos
- Karthik Swaminathan, Treasurer
New SIGMICRO Executive Committee
[Elected May 2023, For the term of July 2023 – 30 June 2026]

Chair
Reetuparna Das
Associate Professor, Electrical Engineering and Computer Science
University of Michigan

Vice Chair
Daniel A. Jiménez
Professor, Computer Science and Engineering
Texas A&M University

Executive Committee Members
Saugata Ghose
Assistant Professor, Computer Science
University of Illinois Urbana-Champaign
Secretary/Treasurer

Koji Inoue
Professor, Advanced Information Technology
Kyushu University
Outreach Chair

Past Chair
Onur Mutlu
Professor, Computer Science
ETH Zürich

Jishen Zhao
Associate Professor, Computer Science and Engineering
University of California, San Diego
DEI Chair
New SIGMICRO Officers

**Awards Chair**

Erik Altman  
Program Director, Computing as a Service  
IBM Thomas J. Watson Research Center

**Information Director**

Daichi Fujiki  
Assistant Professor, Computer Science and Informatics  
Koio University

**Social Media Editor**

Christina Giannoula  
Postdoctoral Researcher, Computer Science  
University of Toronto
We Look Forward to …

• **Working with everyone in the community**
  • Please reach out to us with ideas, suggestions, initiatives…
    • sigmicro-chair@acm.org
    • reetudas@umich.edu

• Please become SIGMICRO members
  • https://www.sigmicro.org/join/
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• **Awards**
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New awards from SIGMICRO

• Early Career Award
  • More details on the website below
  • https://www.sigmicro.org/awards/earlycareer.php
  • Discussions on-going to make this award joint between SIGMICRO and TCuArch

• Dissertation Award
  • More details on website below
  • https://www.sigmicro.org/awards/dissertation.php

• The inaugural year winners will be announced tomorrow!
SIGMICRO Awards - Complete Set

- Hall of Fame, chair Erik Altman
- Test of Time, chair Aamer Jaleel
- Distinguished Service, chair Erik Altman
- [New] Outstanding Dissertation, chair Pradip Bose
- [New] Early Career, chair Tor Aamodt
- CACM Research Highlights, chair Kevin Skadron
Agenda

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SIGMICRO Funds

• SIGs have 5 streams of revenue:
  1. Conferences
  2. Membership, dues, and subscription fees
  3. Digital Library Distribution
  4. Publications
  5. Misc. sources (interest, grants, corporate donations, etc.)

• The largest SIG expenses generally are:
  1. Conference expenses
  2. Travel grant programs for students and faculty
  3. Awards
  4. ACM Allocation
SIGMICRO Financial Report FY’2023

• Highlights:

  • Increased support for student travel grants from FY 2023
    • $20,000 provided in travel support for MICRO 2022
    • $25,000 budget allocation for travel grants from MICRO 2023 onwards

  • New ACM Overhead policies resulting in increased service charges from FY23 – Around 15% increase in SIG overhead compared to FY22

  • Non-refundable deposit from canceled MICRO 2020 event covered by SIGMICRO.
# 2021-23 Revenue (FY23)

<table>
<thead>
<tr>
<th>Source</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIG Dues</td>
<td>$8,188</td>
<td>$6,734</td>
<td>$5,300</td>
</tr>
<tr>
<td>Digital Library</td>
<td>$34,900</td>
<td>$30,662</td>
<td>$25,924</td>
</tr>
<tr>
<td>Conference Revenue</td>
<td>$27,548</td>
<td>$87,624</td>
<td>$255,607</td>
</tr>
<tr>
<td>Interest Income</td>
<td>$6,665</td>
<td>$7,631</td>
<td>$11,000</td>
</tr>
<tr>
<td>Other revenue</td>
<td>$7</td>
<td>$1</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>$43,276</strong></td>
<td><strong>$131,720</strong></td>
<td><strong>$297,831</strong></td>
</tr>
</tbody>
</table>

*Including MICRO revenue to date
# 2021-23 Expenses (FY23)

<table>
<thead>
<tr>
<th>Source</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants</td>
<td>$10,000</td>
<td>$0</td>
<td>$20,000</td>
</tr>
<tr>
<td>Awards</td>
<td>$1,157</td>
<td>$1,655</td>
<td>$2,000</td>
</tr>
<tr>
<td>Conference Expense</td>
<td>$15,177</td>
<td>$43,283</td>
<td>$232,197</td>
</tr>
<tr>
<td>Allocations/org. overhead</td>
<td>$10,000</td>
<td>$10,000</td>
<td>$50,602</td>
</tr>
<tr>
<td>Service Charge to Conferences</td>
<td>-$2,428</td>
<td>-$6,925</td>
<td>-$36,747</td>
</tr>
<tr>
<td>SIGBRD Allocation to SIGS</td>
<td>0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Volunteer Travel/Meetings</td>
<td>0</td>
<td>$0</td>
<td>$1,418</td>
</tr>
<tr>
<td>Special Projects</td>
<td>$0</td>
<td>$0</td>
<td>$1,500</td>
</tr>
<tr>
<td>Miscellaneous expenses</td>
<td>$126</td>
<td>$340</td>
<td>$19,182**</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>$34,032</strong></td>
<td><strong>$48,353</strong></td>
<td><strong>$290,152</strong></td>
</tr>
<tr>
<td><strong>Net Balance</strong></td>
<td><strong>$43,276</strong></td>
<td><strong>$83,367</strong></td>
<td><strong>$7,317</strong></td>
</tr>
</tbody>
</table>

*Including MICRO expenses to date

**Covers $18,582 non-refundable expenses for the MICRO 2020 conference even though it was canceled due to the pandemic.
Agenda

- New SIGMICRO Committee and Roles
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- **MICRO 2022 Survey Results**
- CASA Update
Micro-55 Survey Results

October 1 – 5, 2022
Chicago, Illinois, USA

http://www.microarch.org/micro55
Overall Stats

- 10 Questions
- 38 Responses

2022 Survey:  https://s.surveyplanet.com/hd6x8adf
Observations

1. Overall sentiment was very positive – quantitative and comments.
2. Higher satisfaction with physical conference than virtual during Covid.
3. High ratings for Chicago as host city.
4. A few concerns about food.
5. CHIPS Act and Similar: 73% No Direct Impact. 27% Some Help.
1. Overall Impression of Micro

- **Excellent**: 44.7%
- **Good**: 42.1%
- **Fair**: 13.2%
- **Poor**: 0%

Very Positive Views. Similar to recent history.

Bar charts showing the percentage of views for each year:

- **2018 Micro**
- **2019 Micro**
- **2020 Micro**
- **2021 Micro**
2. Reaction to Micro-55 return to in-person format?

How effective was the virtual format of Micro?

- Satisfied: 26.3%
- Very Satisfied: 71.1%
- Neutral: 2.6%

Comparison of satisfaction levels between 2020 and 2021 Micro:
- Excellent: 2020 Micro - 20%, 2021 Micro - 25%
- Good: 2020 Micro - 30%, 2021 Micro - 30%
- Fair: 2020 Micro - 10%, 2021 Micro - 15%
- Poor: 2020 Micro - 0%, 2021 Micro - 5%
3. View of Chicago as city for Micro-55

- Excellent: 55.3%
- Good: 36.8%
- Fair: 5.3%
- Poor: 12.6%
4. View of Westin-Chicago as hotel for Micro-55?

- Excellent: 31.6%
- Good: 44.7%
- Fair: 21.1%
- Poor: 5.2%

View of Chicago: Better than Westin
5. View of outing and banquet at Field Museum?

- Excellent: 33.3%
- Good: 38.9%
- Fair: 22.2%
- Poor: 5.6%

View of Westin: Similar to Field Museum
6. View of other food and beverages at Micro-55?

- Excellent: 7.9%
- Poor: 21.1%
- Fair: 26.3%
- Good: 44.7%
7. View of the Panel Discussion

Sustainability Challenges for Computing
- Andrew Chien (Chair)
- Alex K. Jones
- Brandon Lucia
8. View of Workshops and Tutorials?

- Excellent: 34.2%
- Good: 28.9%
- Fair: 7.9%
- Poor: 26.3%
- Not Applicable: 26.3%

Strong Showing vs Recent

Year Comparison:
- 2018 Micro
- 2019 Micro
- 2020 Micro
- 2021 Micro
9. Impact of CHIPS Act and Similar

The United States and many other countries have passed laws to increase funding for the semiconductor and computer industries.

*How have these laws impacted your work and research?*

- 73% No impact
- 16.2% Substantial new funding and opportunity
- 10.8% Small amount of new funding and opportunity
## 10. Any other comments

<table>
<thead>
<tr>
<th>Date</th>
<th>Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 6</td>
<td>Some of the rooms were too cramped for some of the workshops and tutorials...</td>
</tr>
<tr>
<td>Oct 6</td>
<td>It was a great conference. As a first timer, it gives me motivation to publish more work.</td>
</tr>
<tr>
<td>Oct 5</td>
<td>More coffee would be nice</td>
</tr>
<tr>
<td>Oct 5</td>
<td>The audio system needs to be improved. Many presentations were difficult to hear or did not have working microphones. Really sad to see.</td>
</tr>
<tr>
<td>Oct 5</td>
<td>Downtown Chicago was not easy to access and especially parking was not easy. The banquet food and location was underwhelming too. Not great food options especially for people with dietary restrictions and seating was too sparse. On a more positive note the catering staff were amazingly nice and helpful. The food and snacks at the conference was very good. Also the panel was great I hope to see more efforts like this and more attention on sustainability and environmental impacts of our industry in the future events.</td>
</tr>
<tr>
<td>Oct 5</td>
<td>The food available to vegetarians was terrible - only salads were available for most meals. Even for meat options, almost exclusively beef and pork were made available -- many acquaintances skipped meals because of this due to religious restrictions with eating beef/pork. It would be great if more options are made available for inclusivity!</td>
</tr>
<tr>
<td>Oct 5</td>
<td>Very expensive for what was provided. Not enough space provided for workshops.</td>
</tr>
<tr>
<td>Oct 5</td>
<td>It would be great if there were more diet options such as vegetarian main meals.</td>
</tr>
<tr>
<td>Oct 5</td>
<td>Adding fruits to the afternoon breaks would be great. We are not cookie monsters:-)</td>
</tr>
<tr>
<td>Oct 5</td>
<td>Add vegetarian and/or no-pork/beef options for food please</td>
</tr>
<tr>
<td>Oct 4</td>
<td>For SIGMICRO candidates, it would be more democratic to select a broader range of candidates and then internally either the selected candidates can choose the roles or they can select based on the number of votes.</td>
</tr>
<tr>
<td>Oct 4</td>
<td>Overall fantastic. First keynote was amazing. Thanks for a really great job everyone!</td>
</tr>
</tbody>
</table>
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CASA

The Computer Architecture Student Association created *for* students *by* students.

The CASA Steering Committee

🌐 https://sigarch.org/casa/
🐦 https://twitter.com/CompArchSA
✉️ info@comparchsa.org
📢 To Join Slack & Mailing list: https://forms.gle/NxxgVGAcVmFs5kRcA
What is CASA?

Computer Architecture Student Association (CASA)

- is a student-run organization in the computer architecture community
- aims to ensure student wellbeing and foster a sense of belonging
- was created by students for students, to nurture a vibrant, inviting and productive student community.
Recent Events

- FCRC: ISCA/PLDI Student Social, uArch Mentoring Workshop
- ASPLOS: Meet a senior architect, student
- Year long: Computer Architecture Long Term Mentoring (CALM)
CALM 2024

- Pilot year of CALM was highly successful!
  - CALM 2022-2023 pilot program: 38 mentees, 25 mentors
  - Students benefited from career advice, research feedback, and PhD application opportunities
- CALM 2024 will start January 2024 for the calendar year
CALM 2024 - Mentors and Mentees

- More info about CALM at comparchmentoring.org
- Links to sign up for mentors and mentees!
Looking Forward

● Mental Health Workshop
  ○ Following up from Summer 2022
● Bringing back ArchChat!
● uArch Research Mentoring