

OC ACM Executive Committee – online via Zoom

February 23, 2022 Meeting Agenda

<https://acm-org.zoom.us/j/97106699834?pwd=SHIWNXBsRnU2dHI5bGVwNIZ1ZkdUT09>

Meeting ID: 971 0669 9834

Password: 023297

- Review and approve prior meeting minutes
- Officers and Volunteers
 - Nominations / Elections
- Program Meetings
 - March Planning
- Meetup Account Update
- Committee Reports / Updates
- New/Other Business

Meeting Attendees

- *Michael Fahy*
- *Allen Takatsuka*
- *Dan Whelan*
- *Marc Velasco*
- *Nilo Niccolai*
- *Winsor Brown*
- *Hassan Shah*
- ~~*Ansel Teng*~~
- *Don Choi*
- ~~*Trae Palmer*~~
- ~~*Raman Rajan*~~
- ~~*Don Black*~~
- *Shirley Tseng*
- *Cynthia Kirkeby*
- *Tom Phillips*
- *Farhad Mafie*
- ~~*Jared Miller*~~
- ~~*Kenneth Aguilar*~~
- ~~*Jeffrey Guerra*~~
- ~~*Dawn Childs*~~
- ~~*Gabriela Pinto*~~

Motions

Motion	Moved By	Seconded By	Status
Approve January 26, 2022 Executive Committee minutes	Hassan Shah	Michael Fahy	Approved

Officers

Position	Volunteer
Chair	Allen Takatsuka
Vice-Chair	Marc Velasco
Treasurer	Nilo Niccolai, Ph.D
Secretary	Daniel Whelan, Ph.D.
Communications	Farhad Mafie
Webmaster	Tom Phillips
SIGAI-OC Liaison	Ansel Teng. Ph.D.
Membership Chair	Hassan Ahmed, Ph.D.

Note: Hassan's name should be listed as Hassan Shah not Hassan Ahmed

Officers (cont'd)

Position	Volunteer
University Liaison	Michael Fahy, Ph.D.
Program Speaker Coordinators	Raman Rajan, Farhad Mafie
Program Video Coordinator	Trae Palmer
Social Media Committee	Kenneth Aguilar, Don Choi, Jeffrey Guerra, Cynthia Kirkeby, Trae Palmer, Gabriela Pinto
Membership Committee	Dawn Childs
Fundraising Coordinator	Jared Miller
Members at Large	A. Winsor Brown, Shirley Tseng, Don V. Black

Current Volunteer Preferences for 2022-2023

Position	Volunteer
Chair*	Marc Velasco
Vice-Chair*	Hassan Shah, Ph.D.
Treasurer*	Tom Phillips
Secretary*	Daniel Whelan, Ph.D.
Communications	Allen Takatsuka
Webmaster	Michael Fahy
SIGAI-OC Liaison	Ansel Teng. Ph.D.
Membership Chair	Farhad Mafie

- Nominations in **black**
- Current and confirmed willingness/desire to continue in **blue**
- Current (but unconfirmed willingness to continue) in **grey**
- Preference to find a successor in **red**

*To be voted by ballot
 () order of volunteer preference

Note: Updated table to reflect agreements during the meeting as to who would fill which positions.

Nominations (cont'd)

Position	Volunteer
University Liaison	Michael Fahy, Ph.D.
Program Speaker Coordinators	Raman Rajan, Farhad Mafie
Program Video Coordinator	Trae Palmer
Social Media Committee	Don Choi, Cynthia Kirkeby, Trae Palmer
Membership Committee	Dawn Childs
Fundraising Coordinator	Jared Miller
Members at Large	A. Winsor Brown, Shirley Tseng

Note: I believe that this list reflects the discussion in the meeting with two possible exceptions:

- Did we agree that Dawn Childs no longer wants to participate on the Membership Committee
- I removed Don Black from the Members at Large list since he hasn't participated

Program Meetings

Date	Speaker	Talk
1/19/2022	Peter Coffee, VP for Strategic Research at Salesforce	Dimensions of Change: Measurements for a Metaverse
11/17/2021	Nader Bagherzadeh, Ph.D.	Machine Learning Computer Architecture Enhancements
9/15/2021	Dr. Rand Waltzman	Automated Influence (AI?) - What Could Go Wrong?
7/21/2021	Steven J. Steinberg, Ph.D., MPA, GISP	GIS, Location Data, Imagery and Machine Learning: Applications and Opportunities using Geospatial Information in Local Government
5/19/2021	Anandi Hira and Jim Alstad	Causal Analysis and Software and Systems Engineering
4/17/2021	Dr. Arvind Sathi and Neena Sathi	Data Science in Action using Python (Hands-On Workshop)
3/17/2021	Steve Kerler & Brad Kelso	Why Your Privacy Matters! +Annual Business Meeting and Elections
1/20/2021	Lola Awoniyi-Oteri, PhD	The 5G Revolution

March 16, 2022

Deep Learning Hardware: Past, Present, and Future

William (Bill) J. Dally, Ph.D. Chief Scientist & Sr VP Research, NVIDIA Corp

The current resurgence of artificial intelligence is due to advances in deep learning. Systems based on deep learning now exceed human capability in speech recognition, object classification, and playing games like Go. Advances in deep learning are now gated by hardware performance. This talk will review the current state of deep learning hardware and explore a number of directions to continue performance scaling in the absence of Moore's Law.



Please join us for our March meeting by registering at our website:
https://oc.acm.org/next_event.html

Program Agenda - March 16, 2022

- Any open issues?
- Delivery format
 - Webinar-only
 - To poll for willingness for in-person for May
- Annual Business Meeting
 - Elections via email poll

Currently have 51 people registered for the March webinar

The poll will be for how willing people are to attend an in-person meeting in May however if we do hold an in-person meeting, our intention is that we will attempt to provide it in a hybrid format.

The operational assumption is that the May meeting will be an in-person hybrid format meeting held at KMOB.

Cynthia mentioned the Irvine Company's new Innovation Office Park as a possible meeting venue. See <https://www.irvinecompanyoffice.com/locations/orange-county/irvine-spectrum/innovation-office-park.html>

May Program

TBD!! Need your help!

Please assist us by trying to identify potential speakers for our May meeting ASAP. If you contact a potential speaker and they are available to speak, please provide the chair with info about the speaker and his or her proposed talk for consideration by the committee before making a commitment to the speaker.

Plenty of discussion around potential topics including blockchain, cybercurrency, NFTs, etc.

Farhad has offered to present a high level blockchain presentation.

Cynthia has given an NFT presentation a couple of times that may be appropriate.

Future Program Event Candidates (UCI)

Machine Learning

- Stephan Mandt (anomaly detection without supervised learning)
- Roy Fox (reinforcement learning, robotics)
- Jing Zhang (ML applied to bioinformatics)
- Alex Berg (computational visual recognition, starts @UCI Spring 2022)

System

- Faisal Nawab (global scale data management)
- Sang-Woo Jun (acceleration)
- Sangeetha Jyothi (Data center networking)
- Moshen Imani (bio-inspired computing)

Theory

- Vijay Vazirani (involved with the design of early Google Ad Placement Alg.)

Informatics

- Vladimir Minin (Data analysis wrt infectious diseases)
- Stacy Branham (human-centered computing)

Future Program Event Candidates

Potential Speakers - In no prioritized or feasibility order

- Caltech Professor Yisong Yue, ML [Dan]
- Andrew Kirkland, CISO at Starbucks
- Beth Harnick-Shapiro [Marc]
- Bill Lobig VP IBM Software Development - Analytics [Marc]
- Christophe Begue, IBM - Blockchain (Mike Marin will research if he is indeed at IBM)
- John Koon, Tech Idea Research - Autonomous Cars
- Bill Cleveland – Data Visualization (M. Fahy has reached out to him)
- Alanna Gombert, Global CRO at MetaX – Blockchain
- Sushant Rao - Operational Analytic Data Stores (M. Fahy has reached out to him)
- Paul Anderson, Anderson Software Group – Go language
- Alyssa Columbus, Data Scientist at Pacific Life - Robust and Reproducible Predictive Modeling Workflows
- Dianne Cook, Prof. of Business Analytics, Monash University – Data Visualization

Topics

- Interest in potentially having a future talk focused on Privacy By Design and related best practices identified in March meeting

Shirley suggested adding Dr. Chang of UCI to speak on AI and Medicine (sorry lost his first name and UCI department affiliation). She and Cythnia also mentioned Dr. Anthony Chang of St. Joseph's/CHOC/AiMed as a potential speaker.

Meetup Account Update

- Continuing to seek ownership change to enable additional ACM benefits
- Repeated attempts to partner with Don Black have failed
- ACM has been unable to elicit a response from Don Black
- Dan reaching out again to try and arrange a meeting with Don
- Allen will subsequently follow-up
- Is there any possibility Don is not receiving our messages?
- Alternative is to rebuild the Meetup roster if Don is not willing to help OC ACM (not desirable)

- No one has a recent Don Black siting however Winsor provide his IEEE email address.
- Decision made to have Allen move ahead with asking for Meetup's assistance.

ACM-OC Treasurer's Report EOM Nov/Dec 2021-Corrected

Beginning Balance of: **\$8,013.44** (10/31/21) EOM Statement Balance
[\$8119.44 was mistype from Oct report]

Deposits:

Cash

Expenses:

Current Balance **\$8,013.44** (12/31/21)

Restricted funds: **\$2,964.20** (12/31/21) IBM Grant restricted use funds.

Unrestricted Balance: **\$5,049.24** (12/31/21)

Prepared by Nilo 2/21/2022

ACM-OC Treasurer's Report EOM Jan 2022

Beginning Balance of: **\$8,013.44** (12/31/21) EOM Statement Balance

Deposits:

Cash

Expenses:

Current Balance **\$8,013.44** (1/31/22)

Restricted funds: **\$2,964.20** (1/31/22) IBM Grant restricted use funds.

Unrestricted Balance: **\$5,049.24** (1/31/22)

Prepared by Nilo 2/21/2022

Reports / Updates

Secretary - Dan

Comms - Farhad

Webmaster - Tom

SIGAI liaison - Ansel

Membership Chair - Hassan

University Liason - Michael

Video - Trae

Social Media - Kenneth, Don, Jeffrey, Cynthia, Trae, Gabriela

Membership Committee - Dawn

Fundraising - Jared

- Review of [fundraising document](#)

Career Mentoring Initiative - Don

Industry Advisory Board Initiative - Marc

No updates to report

Other/New Business

Registration with [Benevity](#)

- Registration mostly completed.
- Direct deposit configuration in progress

Allen needs to work with Nilo to set up direct deposit