

OC ACM Executive Committee – online via Zoom

April 28, 2021 Meeting Agenda

<https://acm-org.zoom.us/j/97106699834?pwd=SHIWNXBsRnU2dHI5bGVwNlZ1ZkdkUT09>

Meeting ID: 971 0669 9834

Password: 023297

- Introductions
- Review and approve prior meeting minutes
- Program Meeting Speakers
- Officers and Volunteers
- Workshop Debrief / Retrospective
- Advisory Board
- Prepare for May meeting
- Future Program Meetings
- Reports & Updates
- Other Business

Meeting Attendees

- *Michael Fahy*
- *Allen Takatsuka*
- *Dan Whelan*
- *Marc Velasco*
- ~~*Lalit Patel*~~
- *Nilo Niccolai*
- *Winsor Brown*
- *Hassan Ahmed*
- ~~*Ansel Teng*~~
- ~~*Don Choi*~~
- ~~*Trae Palmer*~~

- ~~*Raman Rajan*~~
- ~~*Don Black*~~
- ~~*Shirley Tseng*~~
- ~~*Cynthia Kirkeby*~~
- ~~*Priya Chauhan*~~
- *Tom Phillips*
- *Farhad Mafie*
- *Jared Miller*
- ~~*Kenneth Aguilar*~~
- ~~*Jeffrey Guerra*~~
- *Dawn Childs*
- *Gabriela Pinto*

Motions

Motion	Moved By	Seconded By	Status
Approve March 24, 2021 Executive Committee minutes	Michael Fahy	Marc Velasco	Approved

Program Meetings

Meeting Date	Speaker / Topic
July 15, 2020	Frank Ury – Personal Privacy
September 16, 2020	Syed Hassan Ahmed, PhD - Integrating Named Data Networking in Connected Vehicles
November 18, 2020	Michael Carey, PhD – Big Data Analytics with Apache AsterixDB
January 20, 2021	Lola Awoniyi-Oteri, PhD – The 5G Revolution
March 17, 2021	Steve Kerler & Brad Kelso – Why Your Privacy Matters! Annual Business Meeting and Elections
May 19, 2021	Anandi Hiri and Jim Alstad - Causal Analysis and Software and Systems Engineering
July 21, 2021	

Social Media Links

- Linktree: <https://linktr.ee/ocacm>
- Subscribe to our **YouTub**e channel: <http://bit.ly/oc-acm-youtube>
- Join our **Slack** workspace: <http://bit.ly/oc-acm-slack>
- Follow us on **Twitter**: <https://twitter.com/OrangeCountyACM>
- Connect on **LinkedIn**: <https://www.linkedin.com/company/ocacm>
- Follow us on **Instagram**: <https://www.instagram.com/ocacm/>
- Join our **Meetup** group: <https://www.meetup.com/ACM-OC/>
- Visit our **website**: <https://oc.acm.org/>

Officers

Allen Takatsuka
Chair

Farhad Mafie
Communications

Marc Velasco
Vice-Chair

Tom Phillips
Webmaster

Nilo Niccolai, Ph.D.
Treasurer

Ansel Teng, Ph.D.
SIGAI-OC Liaison

Daniel Whelan, Ph.D.
Secretary



Membership Chair

Volunteer Positions

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

Workshop Debrief / Retrospective

Data Science/Python, 4/17, noon-3:00pm

- A test run may be warranted especially for customized or offerings in early stages of maturity
 - Logistics, such as bandwidth assumptions, environment configurations
 - Access and availability of materials
 - Timing
- Coordinate any course format logistics in advance (e.g. use of Zoom breakout rooms)
- \$500 fee due (check to “Applied AI Institute” at Neena Sathi, 53 Constantine, Irvine CA 92620, alternative by credit card w/Teachable)
- Other learnings?

Approved Nilo issuing a check. General agreement on learnings. Interest in doing additional workshops.

Advisory Board

- Nominations
 - By Michael Fahy: [David Cuccia](#), CTO at [Modulim](#)
 - Any others?
- Charter update - Dan
- Examples approach of other ACM Chapters - Dan
- Cadence proposal outstanding
 - 2 per year

Would be nice to have at least six advisory board members. Limit membership at 10.
Marc Velasco agreed to help drive this initiative.

Preparations for May Program Event

- Source tracking URLs are in Google Sheet in shared Google Drive folder
- Meetup Event created
- Initial list-server broadcasts are outNeed new Zoom meeting co-host
- Who best to update Meetup Event?
 - Presently by Chair
 - Possibly want Chair or Vice-Chair to appear as hosting?
 - Timeliness - access to information from speakers

Farhad and Michael both agreed to help co-host Zoom meetings
Dan will take the lead on the July event and update the Shared Drive info
Michael will update the communications spreadsheet with the IEEE contact info

May Program Event

Anandi Hiri and Jim Alstad

May 19, 2021

Causal Analysis and Software and Systems Engineering

A practical application of Causal Analysis

Software and Systems Engineering share the tasks of planning and managing their activities. This talk will **describe the use of Causal Analysis to better understand how to estimate the cost of development/engineering** which is in turn used in the planning and management of the work. While this talk addresses a particular type of engineering data, i.e. for engineering effort and related parameters, it is also meant to encourage the audience to apply the techniques to their own data.

This talk will cover the topic in four parts:

1. An introduction to causal analysis
2. A live demonstration of the Tetrad causal analysis tool
3. An introduction to the sources of the data we analyzed: the calibration data sets for COCOMO II and COSYSMO 3.0.
4. Application of causal analysis to the datasets, including the need for weak signal analysis and the generation of estimating equations.



Attendance

	No	Yes	Grand Total
5G Webinar	3	1	4
ACM National Email Blast	28	21	49
Chapter Distribution List	7	4	11
Chapter Website		3	3
IEEE	2	3	5
LinkedIn	6	2	8
Meetup	13	33	46
Slack	1		1
Grand Total	60	67	127

Professional Organization Membership

- 17 IEEE
- 6 LA ACM Chapter
- 7 Student Chapter

- 13 new chapter membership requests

Future Program Events

- Steven J. Steinberg, Ph.D., MPA, GISP confirmed for July 21, 2021
- Draft of Zoom webinar posting available [Dan]
 - Anything else needed?
- Meetup Event posting target prior to May meeting

Speaker: Steven J. Steinberg, Ph.D., MPA, GISP

Geographic Information Officer (GIO) , County of Los Angeles, California

GIS, Location Data, Imagery and Machine Learning:

Applications and Opportunities using Geospatial Information in Local Government

Abstract:

An overview of how local governments use geospatial data and tools with specific examples of image-based data analysts and extraction and propose opportunities to extend these capabilities further by leveraging machine learning methods with an every-expanding pallet of remotely sensed data acquired from sUAS systems (drones) and other field, airborne and spaceborne remote sensing systems.

Proposed Speaker: Farhad Mafie

IEEE SusTech Talk:
*How Emerging Markets are Leading the Cashless Evolution
&
Sustainability of a Cashless Society*



Speaker: Farhad Mafie, Handycash CEO
Date: March 23, 2021
Time: 6:00 PM - 8:00 PM PST
Registration info:
<https://events.vtools.ieee.org/m/261446>

Over the past several decades, retail segment, banks, FinTechs, government organizations, and other financial institutions have been working diligently on developing a financial world that allows for all financial transactions to take place without using cash (i.e., cashless) –i.e., by using debit and credit cards to contactless cards and now utilizing digital wallets. Blockchain has been identified and being used as the core technology for the global cashless transformation. This global transformation has been given a significant boost by the COVID-19 related challenges, but while people globally scrambling for less physical contact (contactless) in their day-to-day transactions, they may well be overlooking more fundamental flaws and complex challenges of a completely cashless society. In this talk, we will address the pros and cons of going completely cashless, Blockchain role as the core technology, status of going cashless in various countries and who is leading (and why) as well as political economic implications and challenges of a cashless world.

Talk covers market and technology trends with respect to digital currencies, not a deep technology talk. Farhad offered to do this presentation if we need a filler presentation.

There may be a recording available.

Also discussed another speaker that presented a talk on new battery technology. May not be an ACM talk but more like an IEEE talk.

Future Program Event Candidates

Potential Speakers - In no prioritized or feasibility order

- Andrew Kirkland, CISO at Starbucks
- C Mohan, IBM Fellow, IBM Almaden Research Center, Blockchain, [Dan, Mike Marin]
- 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

Dan – Follow-up with respect to Bill Dally talk
Winsor – Follow-up with respect to potential RAND speaker
Dan mentioned the ACM Speaker's Bureau
Hassan mentioned a Canadian colleague and will check in with her.

Reports & Updates

ACM-OC Treasurer's Report EOM March 2021

Beginning Balance of:	\$7,381.19	2/28/21	EOM Statement
Deposits:			
Cash			
Expenses:			
	\$7,381.19	3/31/21	EOM Statement
Current Balance	\$7,381.19	3/31/21	
Restricted funds:	\$3,464.20	3/31/21	IBM Grant restricted use funds.
Unrestricted Balance:	\$3,916.99	3/31/21	

Webmaster Report – Tom Phillips

- New officers updated
- PayPal button added
- Program event updated

Discussed the format of the Officers page. Everyone thought that it makes sense to have both ACM “officers” and volunteers listed together as officers on our website, as has been our historical practice.

University Liason – Michael Fahy, Ph.D.

- OC ACM Outstanding Student Awards
 - UCI: Need a new contact (email bounced from old contact)
 - CSUF: Will designate 2 students
 - Chapman: Student identified

Michael will try reaching out to other contacts at UCI.

Social Media Report - Gabriela Pinto

- Evaluation of auto/scheduled posting tools in progress
 - Trying one that provides 30 posts per channel for free
 - Additional posts will require a paid subscription

Gabriela plans to promote our May event via social media the day of the event.

Other Business

- Email group admin access by Chair and Vice-Chair added along with Secretary. Access by Google “Groups” app.

Asks

- Help to identify future speakers
- Advisory Board nominees
- Updates to position responsibility briefs (in G-drive)

FYI – these documents are in the *Chapter Documents > Operating Procedures* folder