

OC ACM Executive Committee – online via Zoom

March 24, 2021 Meeting Agenda

<https://acm-org.zoom.us/j/96542843147?pwd=eWcxcnY3cVZvK2U4Q1RZTWm1T3JsQT09>

Meeting ID: 965 4284 3147

Password: 658546

- Introductions
- Review and approve prior meeting minutes
- Program Meeting Speakers
- Officers and Volunteers
- Officers and Volunteers for 2021-2022
- Prepare for March meeting, including Annual Business Meeting
- Future Program Meetings
- Status Reports
- 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 February 24, 2021 Executive Committee minutes	Dan Whelan	Nilo Niccolai	Approved

# Program Meetings

Meeting Date	Speaker / Topic
May 20, 2020	Sam Malek, PhD – The Threat in your Pocket: Trends, Challenges, and Solutions in Mobile Application Security
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	

# 2020-2021 Officers



Michael Fahy, Ph.D.  
Chair



Marc Velasco  
Communications



Allen Takatsuka  
Vice-Chair



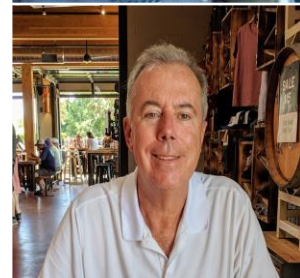
Lalit Patel, Ph.D.  
Webmaster



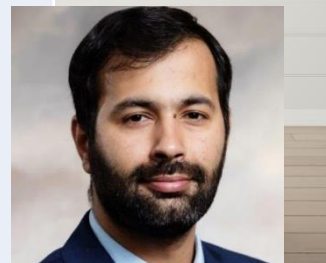
Nilo Niccolai, Ph.D.  
Treasurer



Ansel Teng, Ph.D.  
SIGAI-OC Liaison



Daniel Whelan, Ph.D.  
Secretary



Hassan Ahmed, PhD  
Membership Chair

# 2020-2021 Volunteers



Program Speaker Coordinator

Raman Rajan



Program Video Coordinator

Trae Palmer



Social Media Coordinator

Cynthia Kirkeby

Fundraising Coordinator

Members at Large

A. Winsor Brown

# Elected Officers for 2021-2022

Position	Officer
Chair	Allen Takatsuka
Vice Chair	Marc Velasco
Treasurer	Nilo Niccolai, Ph.D.
Secretary	Dan Whelan, Ph.D.

Michael reported that our 2021-2022 slate of officers was elected unanimously.

# Volunteer Positions, 2021-2022

Position	Volunteer
Membership Chair	Hassan Ahmed, Ph.D.
Communications Chair	Farhad Mafie
Webmaster	Tom Phillips
University Liaison	Michael Fahy, Ph.D.
SIGAI-OC Liaison	Ansel Teng, 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

# Position Responsibilities

Chapter Documents > Operating Procedures ▾

Name ↓

 OC ACM Chapter Program Speaker Coordinator Procedures v1.docx 

 OC ACM Chapter Membership Chair Responsibilities - v1

 OC ACM Chapter Facilities Coordinator Procedures v1.docx

 OC ACM Chapter Facilities Coordinator Procedures v1.docx

 OC ACM Chapter Communications Chair Procedures - v1

Dan will provide new officers with oc-acm.org account credentials on April 1<sup>st</sup>. He will provide all executive committee members with access to the chapter's Google Shared Drive ASAP.

# Debrief from March Meeting

Steve Kerler & Brad Kelso – Why Your Privacy Matters!

March 17, 2021

- Problem with Video clips

Apart from the concerns about the video quality, which may be related to Internet bandwidth issues affection one of the speakers, there was consensus that the speakers were well versed in the subject matter and that the content of the talk was presented well.

There was interest in potentially having a future talk focused on Privacy By Design and related best practices.

# 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

# Workshop: Data Science in Action using Python

## Dr. Arvind Sathi - Director of AI Literacy at KPMG

- April 17, noon to 3:00 pm
- **Gain hands-on experience in building a Data Science engagement using Python**
- **Expected Outcome**
  - ✓ Design data science engagement using defined methodology
  - ✓ Understand data sources and prepare data sets using Python
  - ✓ Prototype Data and AI driven modeling techniques in Python

Winsor offered to co-sponsor and promote to the OC IEEE Computer Society membership  
Farhad offered to promote IEEE Orange County Solid State Circuit Society, which he chairs

# Promote the workshop

Use the Meetup URL:

<https://www.meetup.com/ACM-OC/events/276980227>

Our meetup is connected to our PayPal account.

Workshop participants will pay (\$20) when they register on Meetup.

# Proposed Speaker:

## "Causal Analysis and Software and Systems Engineering"

### Jim Alstad and Anandi Hira – 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. A brief discussion of the sources of the data being to be analyzed
2. A very brief introduction to causal analysis including a live demonstration of the Tetrad tool
3. Application of causal analysis to the COCOM II calibration data, including the need for weak signal analysis which may be needed with sparse datasets
4. Application of causal analysis to the COSYSMO 3 calibration data, including generation of estimating equations.

Winsor to resolve YouTube video access issues so more of us can view the demo video that has been provided for our review. Allen to decide whether to move forward on this talk.

Proposed 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.

Agreement to move forward and book Steve to present his talk at our July meeting.  
Dan to inform Steve of our decision.

# Other Potential Speakers

- 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

New committee members were advised to propose other speakers. This list doesn't imply any commitment or even contact with the currently listed potential speakers, and certainly no prioritization.

# ACM-OC Treasurer's Report EOM February 2021

<b>Beginning Balance of:</b>	<b>\$7,381.19</b>	<b>1/31/21</b>	<b>EOM Statement</b>
<b>Deposits:</b>			
<b>Cash</b>			
<b>Expenses:</b>			
	\$7,381.19	2/28/21	EOM Statement
<b>Current Balance</b>	\$7,381.19	2/28/21	
<b>Restricted funds:</b>	\$3,464.20	2/28/21	IBM Grant restricted use funds.
<b>Unrestricted Balance:</b>	\$3,916.99	2/28/21	

# Webmaster Report – Lalit Patel

- The slides for the March meeting are posted on the website

<http://oc.acm.org/>

Dan suggested that we add a PayPal Donate button to our website. He will provide Tom with the info on doing so.

# Video Report– Trae:

- March program video is posted to YouTube
- Experimenting with posting program video to Facebook
- Working on “highlight clips” for Instagram IGTV
- Two proposals for “hybrid” program meetings when it is possible to have in-person meetings

# Social Media Report

- Linktree: <https://linktr.ee/ocacm>
- Subscribe to our **YouTube** 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/>

## Working on Social Media Automation (Gabriela?)

Gabriela reported that she is evaluating a tool for managing posts to several of these social media sites. The one she is currently recommending provides up to 30 posts per channel for free. More posts than that will require upgrading to a paid subscription. Decision was to go forward with the free usage model for the time being.

# Other Reports

- Communications
- Membership
- SIG-AI

Ansel – Introduced Arvind and Don to the SIG-AI group. Some interest in a closer integration between the SIG and our ACM chapter. Ansel suggested inviting the SIG-AI chair to come to our executive committee meeting and present ideas on closer integration between the two groups.

# New Business

- Create an advisory council composed of local business leaders, which could lead to future financial support.
  - Dan thinks we could get VP of Engineering level membership from local companies for two meetings per year.
  - Chapman has an Industry Advisory group that advises on what student training is of interest to them; there is a benefit to the members in being able to meet with each other. Michael sent a copy of the Chapman Engineering Industry Advisory Board charter to Dan and Allen

- Ask everyone to nominate at least one OC technology leader for consideration as members of the advisory council.
- Dan still needs to draft a charter for the advisory council; also look at what other ACM chapters are doing.