OC ACM Executive Committee – online via Zoom
April 28, 2021 Meeting Agenda
https://acm-org.zoom.us/j/97106699834?pwd=SHlWNXBsRnU2dHI5bGVwNlZ1ZkdUT09
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
- Jeffrey Guerra
- Dawn Childs
- Gabriela Pinto
### Motions

<table>
<thead>
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<th>Motion</th>
<th>Moved By</th>
<th>Seconded By</th>
<th>Status</th>
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<tr>
<td>Approve March 24, 2021 Executive Committee minutes</td>
<td>Michael Fahy</td>
<td>Marc Velasco</td>
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<tr>
<td>Meeting Date</td>
<td>Speaker / Topic</td>
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<tr>
<td>July 15, 2020</td>
<td>Frank Ury – Personal Privacy</td>
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<td>September 16, 2020</td>
<td>Syed Hassan Ahmed, PhD - Integrating Named Data Networking in Connected Vehicles</td>
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<td>November 18, 2020</td>
<td>Michael Carey, PhD – Big Data Analytics with Apache AsterixDB</td>
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<td>January 20, 2021</td>
<td>Lola Awoniyi-Oteri, PhD – The 5G Revolution</td>
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<td>March 17, 2021</td>
<td>Steve Kerler &amp; Brad Kelso – Why Your Privacy Matters!</td>
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<td>Annual Business Meeting and Elections</td>
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<td>May 19, 2021</td>
<td>Anandi Hiri and Jim Alstad - Causal Analysis and Software and Systems Engineering</td>
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<tr>
<td>July 21, 2021</td>
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Social Media Links

- Linktree: [https://linktr.ee/ocacm](https://linktr.ee/ocacm)
- Subscribe to our [YouTube](http://bit.ly/oc-acm-youtube) channel:
- Join our [Slack](http://bit.ly/oc-acm-slack) workspace:
- 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](https://www.meetup.com/ACM-OC/)
- Visit our [website](https://oc.acm.org/):
<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Officers</strong></td>
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<tr>
<td>Allen Takatsuka</td>
<td>Farhad Mafie</td>
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<tr>
<td>Chair</td>
<td>Communications</td>
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<tr>
<td>Marc Velasco</td>
<td>Tom Phillips</td>
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<td>Vice-Chair</td>
<td>Webmaster</td>
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<td>Nilo Niccolai,</td>
<td>Ansel Teng, Ph.D.</td>
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<tr>
<td>Ph.D. Treasurer</td>
<td>SIGAI-OC Liaison</td>
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<tr>
<td>Daniel Whelan,</td>
<td>Membership Chair</td>
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<td>Ph.D. Secretary</td>
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## Volunteer Positions

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

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<td>5G Webinar</td>
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<td>ACM National Email Blast</td>
<td>28</td>
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<tr>
<td><strong>Grand Total</strong></td>
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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
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

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

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<th>$7,381.19</th>
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<td>Cash</td>
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<td>Current Balance</td>
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<td>IBM Grant restricted use funds.</td>
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<td>$3,916.99</td>
<td>3/31/21</td>
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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