**Minutes of IEEE EMBS LA Metro Chapter Meeting**

**Date:** December 7, 2021

**Time:** 5:30 pm PST

**Location:** Virtual Meeting via ZOOM.

The meeting was called to order by Dr. Jeanmarie Bouteiller, EMBS Chapter Chair.

**Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Position** | **Name** | **Attendance** | **Comments** |
| Chapter Chair | Dr. Jean-Marie Bouteiller | Present |  |
| Secretary | Dr. Gene Yu | Present | Leaving the state of CA |
| Section Employment Liaison | Eike Jens | Present | Section contact for members to obtain list of hiring companies |
| Treasurer | Dr. David Krum | Absent | no response |
| Treasurer Advisor | Jacky Wong | Absent | Travelling |
| Membership Outreach | Dr. Alexander Klonoff | Present | 2022-chapter secretary |
| Membership Elevation chair | Dr. Shouhua Huang | Present | Recipient of 2022 Region 6 Award for Membership Elevation & Membership Development |
| Website Administrator | Dr. Jean-Marie Bouteiller | Present |  |
| Webmaster | Victoria Le | Absent | due to conflicting schedule & time zone. She is in Mountain time. |
| Section Webmaster Mentor | Tristan Le | Present | Photonics  Chapter Webmaster |
| Membership Outreach | George Tolomiczenko | Present | 2022 Membership Outreach pending response from volunteer. |
| Chapter Founder & First Chair | Eremita Miranda | Present | Section Representative |

**Purpose of Meeting:**

Review the accomplishments of the EMBS LA Metro Chapter during the year 2021. Discuss future directions and activities that would well-serve the members and thecommunity in 2022.

**Items Discussed:**

* Meeting began with a recap of the EMBS mission statement and the duty of chapters, which are to provide local activities to members.
* In 2021, the EMBS LA metro chapter was able to participate and organize 2 events.
  + February 2021: Talk by Dr Kanter from Kaiser Permanente.
  + November 2021: Metro Section Joint Meeting served as references
* Directions for 2022
  + To organize virtual presentations to the EMBS chapter from local companies in an effort to increase this chapter membership.
  + Organize tours at large and small companies Pythia Labs and large companies such as: Neuralink
    - Larger groups/consortia
      * BioscienceLA
      * Alliance for SoCal Innovation
      * Techstars LA Accelerator
    - Technical talks.
    - Networking within or across chapters.
  + Topics of interest
    - Digital health session
      * Big data, machine learning, augmented reality, cyber security, health apps.
      * Virtual reality and the Metaverse
      * FDA and regulatory mechanisms for digital health.
      * Organizations: Dexcom, Medtronic Northridge, USC.
        + New digital health curriculum at Keck School of Medicine
      * Identify gap areas by talking to other scientists and engineers in IEEE.
    - An event to combine biomedical engineering and physics/photonics.
      * Discuss how lasers can be used to sanitize surfaces/people from viruses such as COVID-19
  + Formats for meetings
    - Meeting with a large group/consortia. Multiple speakers. Zoom session.
    - Meeting with 2-3 small companies. One speaker per company. Zoom session.
    - A whole day session with many invited speakers from a broad range of topics to appeal to many interests. Panel discussion at end. Zoom session.
  + Help members with career opportunities / New officer appointments
    - How to advertise beyond online postings and the chapter website?
      * Potentially advertise at job fairs and networking events.
* Meeting was adjourned at 6:20pm.

**Action Items/Reminders:**

These Minutes must be submitted in vTools for the EMBS LA Metro Chapter to received credit in compliance with IRS requirements

Respectfully,

Gene J. Yu, PhD (geneyu@usc.edu)

EMBS LA Metro Chapter Secretary