IEEE Systems Council Technical Community-Systems Engineering Methods:
11 April 2023 via Zoom at 11:00 AM ET

Attendees: Stephanie White, Bob Lyons, Mahoud Khalifa, Kahlid Al Zoubi, Sumanth A, Weiyu Xu, Jyoti Jain, Enric Cedrome, Resmi N C, Michele Fiorini, Michael Greene, Christopher Hoffman, Frank Riffel, Francisco Escribano, Kenichiro Ito, Subhro Roy, Kent Hamon, Pankaj Kum Goyal, Dr. Eng. Abbas Sattar Bader, Amol Gulhane, Lydia Ballard, Dr. Farhad Ilhai Bakhsh, Houssem Ouederni, Harikrishna Rao Mohan Rao, William Miller, Daniel Salcedo, William Deininger, Stephanie Huguenin, Rohan Roger, Unal Tenekeci, Pasquale Ionata, Stamatis Karnouskos, Theodora Saunders, Dr. Himani Saini, Raghavan Muralidharan, Rares-Adrian Ivanoiu, Tim Schow, Paul Hathaway, Faida Mhenni, Ebou M. Boye, Gerald Ourada, Brian Smithberger, Dr. Zafar TAQVI, Bakul Banerjee, Samuel Arthur-Yartel, Yaseen Zaidi, Parkash Lohana, Albert Lin, Diplesh Singla, Paul Adame, Antonio Crespo, Carlos Insaurralde, Hui Yang, Milher Poma, NABENDU CHAKI, Engr. Oto-Obong John Effiong, Zigmond Leszczynski, Jin Li, Tim Whitcher, Richard Zhu, Pradyut Kumar Sanki, Ali Zalzala , Chris Hrivnak, Pratap Sahu, Benjamin Sweet, Kaushik Das Sharma, Ghulam E. Mustafa Abro, Rao Mannepalli, Eric Tapio, Colin McInnes, Devanathan M, Rob Schaaf, Adail Retamal, ENGR. ETHISHAM UL HAQUE, Anshaj Shrivastava, Cynthia Tatalovich, Hatem Sindi, Radu Babiceanu, Pierangela Samarati, Walt Downing, Brian Fisher, LaMont Mack, Omkar Halbe, Cristian Alionte, Takashige Higashino, Vitalii Stoliarchuk, Nihad Bassis, Boon Chong Ang, Alireza Safaee, Subramanian Krishnamurthy

Staff: Bailey Campin

Stephanie started the meeting at 11:05 AM ET.

Current Status

Stephanie White started the Technical Committee on Systems Engineering Methods (TC-SEM) to support the Systems Engineering body of knowledge and Systems Engineering Research Center. This TC is to help initiate support between SEBoK and SERC. Bob Rassa and Stephanie White are on the BKCASE Board of Governors (BoG), which manages SEBoK. They enlisted a few IEEE authors to write material on SEBoK Topics. They review the INCOSE documents including Systems Engineering (SE) Principals and SE Vision 2035.

During April's TC-SEMs meeting, Jeannine Siviy, Chair of INCOSE Systems and Softerware Interface WG, discussed the SaSIWG roadmap of productive research.

The goal of the TC-SEMs is to activate a group of IEEE members interested in advance Systems Engineering Methods and industry practice for the good of humanity. The committee meets monthly.

TC-SEMs Mission and Objectives (from Website)

The mission of TC-SEMs is to collaborate with our member societies on advancing systems engineering methods. TC-SEMs collaborates with SERC and SEBoK. Systems Council is a SEBoK steward.

Objectives of TC-SEMs is to perform and promote research engineering methods. The committee supports workshops and conferences from Systems Council, Member Societies, and SERC. The committee supplies new articles for SEBoK.

Discussion of Goals

The goal of the discussion is to identify what the committee can do to advance systems engineering methods and effective practices, identify active leaders, and members interested in participating in the activity.

Attendee Discussion

Discussion opened on the audience's experience and interests. Topics of discussion consisted of activities TC-SEMs should join and how the members will participate. Discussion was held on which of the on Systems Engineering Methods the audience would like to hear.

Meeting was adjourned at 12:00 PM ET. Next meeting will be held on May 11th at 11:00 AM ET.