

# Annual Activity Report of IEICE EUROPE Section

Date of Report : 27 January 2022

Reporter : Luigi Fortuna, University of Catania, Italy

## 1. Organization

Assembly of the Section

Members of the Section

Rep. Office

Rep. : Luigi Fortuna, Prof., University of Catania, Italy  
(email: luigi.fortuna@unict.it)

Deputy Rep. : Maciej Sobieraj, Assistant Prof., Poznan University of Technology,  
Poland (e-mail: maciej.sobieraj@put.poznan.pl)

Secretary: Arturo Buscarino, Prof., University of Catania, Italy  
(email: arturo.buscarino@unict.it)

Treasurer : Maide Bucolo, Prof. University of Catania, Italy  
(email: maide.bucolo@unict.it)

## 2. Strategy of the Section

- Increase the number of members and senior members, especially young members, to IEICE-ES
- Involve different societies in organizing and participating IEICE ICTNTF Conference: IEICE Information and Communication Technology and Nonlinear Theory Forum
- Involve IEICE members from Japan to join our events

## 3. Membership Development Policy

- Attract young people to IEICE-ES: tutorials; panel discussion; participation in all our conferences for free
- Organizing IEICE Europe Section conferences in various European countries
- Involving students in presenting their projects to the IEICE NOLTA 2023 Conference.

## 4. Results of Activities During the 2020/2021 Fiscal Year (April 2020~ March 2022)

### 4.1 Conference/Symposium/Workshop

- IEEE CNNA 2021, Chair Prof. Maide Bucolo (IEICE member)
- IFAC CHAOS 2021 Chair Prof. Arturo Buscarino (IEICE member)
- Automatica.it 2021 Chair Prof. Maide Bucolo (IEICE member)

### 4.2 IEICE Sponsored Lecture (Including Participant Number)

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### 4.3 The Other Events in Collaboration with IEICE Hqs or Domestic Sections, if Available

- Invited Participation to the IEICE Conference ICETC 2020 and 2021 (Prof. Luigi Fortuna, Prof. Arturo Buscarino, IEICE members)

### 4.4 Improvement of the Section (Membership Evolution, Advertisement of Activities, Publication, etc.)

- Project EBATRONICS: tensegrity structures design and identification, developed by 25 students attending to the Master Degree on Automation Engineering and Control of Complex Systems at the University of Catania. The results of the project will be submitted to IEICE journals.

## 5. Review and Future Plan

### (1) Items in 2021 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- Annual conference IEICE ICTF 2021 not organized. Solution: for 2022 we propose to extend the topics to Nonlinear Theory, involving NOLTA society members.

### (2) Activity Plan in 2022 Fiscal Year

- Organizing a series of online seminars regarding topics of interest for the community of the IEICE sections. Tentative speakers list: Prof. Manuel G. Velarde (Universidad Complutense de Madrid, Spain), Dr. Alon Ascoli (Dresden Technical University, Germany), Prof. George Krylov (Belarusian State University, Belarus), Prof. Henk Nijmeijer (Eindhoven University of Technology, The Netherlands), Dr. Luigi Occhipinti

(University of Cambridge, UK), Dr. Gabriele Manganaro (MediaTek, USA), Prof. Guido Maione (Politecnico di Bari, Italy).

- Organization of the NOLTA 2023 Conference in Catania (Italy).

#### **6. Constructive Opinion/Request/Proposal**

- Invite IEICE to support students research proposals in the area of Nonlinear Theory and its Applications based on green technologies and circular economy.
- Involve people working in Europe for Japanese companies to participate IEICE EUS conferences
- Increasing number of papers submitted to IEICE journals