

Venue: Orona Fundazioa

San Sebastián
Jauregi Bidea s/n
20120 Hernani, Spain



Network: **Orona Fundazioa Guest**
Password: **orona.ideo**

15 October 2019 (Day 0) – for EPoSS Members only –

09:00 EPoSS Executive Committee Meeting
Room: 03

11:00 Coffee Break

11:30 EPoSS Working Groups Meetings: Part I

Parallel meetings of:

- EPoSS Working Group Transportation – Chapter “Mobility”
Room 3PB
- EPoSS Working Group Factory Automation & Robotics – Chapter “Industry”
Room 12
- EPoSS Working Group Healthy Living – Chapter “Health”
Room 10

12:30 Lunch

13:30 EPoSS Working Groups Meetings: Part II

Parallel meetings of:

- EPoSS Working Group Applied MNBS
Room 10
- EPoSS Working Group Energy – Chapter “Energy”
Room 3PB
- EPoSS Working Group Food, Agriculture and Natural Resources – Chapter “Resources”
Room 12

14:45 EPoSS Working Groups Meetings: Part III

- EPoSS Working Group Key Technologies – Status of the EPoSS-ID
(gathering participants of all previously held parallel meetings)
Room 03

15:45 Coffee Break

16:30 – 18:30 EPoSS General Assembly
Room 03

18:30 Bus Transfer to EPoSS Dinner Event
Meeting Point: In Front of ORONA

Social Event

19:00 *Visiting Aquarium Museum*

20:00 *Dinner at Restaurant Bokado Mikel Santamaria, Plaza Jacques Cousteau 1, 20003 San Sebastián*

16 October 2019 (Day 1)

09:00 **Registration for the EPoSS Annual Forum 2019**
Welcome Coffee & Opportunity to Visit the Poster Exhibition in the Main Hall

10:00 **EPoSS Annual Forum Opening Session**
Room: Theatre

Chair: Chris Merveille, Head of International Area, IKERLAN

Welcome addresses of:

1. **Stefan Finkbeiner**, *EPoSS Chairman, CEO, Bosch Sensortec*
2. **Imanol Lasa**, *Deputy of Economic Development, Provincial Council of Gipuzkoa*
3. **Rikardo Bueno**, *CEO, Basque Research and Technology Alliance*
4. **Colette Maloney**, *Head of Unit, DG CONNECT of the European Commission*
5. **Bert De Colvenaer**, *Executive Director, ECSEL Joint Undertaking*

11:10 **Panel Discussion: Smart Systems in the Future European Funding Landscape**
Room: Theatre

Chair: Wolfgang Gessner, EPoSS Director

Short introduction by the panellists and panel discussion

1. **Javier García Serrano**, CDTI
2. **Jochen Langheim**, Euripides²
3. **José Manuel Leceta García**, Royal Academy of Engineering
4. **Colette Maloney**, DG CONNECT of the European Commission
5. **Bert De Colvenaer**, ECSEL Joint Undertaking

12:45 **Lunch & Opportunity to Visit the Poster Exhibition in the Main Hall**

13:45 **EPoSS Annual Forum Session I: Manufacture**
Room: Theatre

Chair: Chris Merveille, Head of International Area, IKERLAN

1. **Eduardo Beltrán de Nanclares**, Mondragon Corporation
Digitalisation and Industry 4.0 in MONDRAGON and their Application to Resources Efficiency
2. **Christina Hirschl**, Silicon Austria Labs
Application of Sensors and Measurement Technologies for Smart Manufacturing
3. **Guido Colombo**, Orchestra
Remote Configurations to Extend Smart Systems Applications Over Time

**15:00 Short Break****15:20 EPoSS Annual Forum Session II: Crossover Topics***Room: Theatre***Chair: Albrecht Donat**, *Chairman of the EPoSS Executive Committee, Siemens*

1. **Jesús Miguel Ruano-López**, IKERLAN
From Smart to Cognitive, a Strategy to Create an Edge that Prevents Smart Systems and CPS Commoditization
2. **René Lindner**, DIN German Institute for Standardization
Increasing Impact of Smart Systems by Standardization
3. **Stephan Karmann**, Hahn-Schickard
The Smart Anything Everywhere Initiative

16:20 Coffee Break and Networking at the Poster Session**16:50 EPoSS Annual Forum Session III: Transport and Mobility***Room: Theatre***Chair: Jochen Langheim**, *Chairman of Euripides²*

1. **Altti Torkkeli**, Murata Electronics Oy
MEMS Inertial Sensors in Autonomous Driving
2. **Seshan Venkita**, Flanders Make
Fault Tolerant Lateral Control Strategies for Automated Driving (Algorithms)
3. **Jon Maudes Puentedura**, Tecnalia
Cabling Embedded Printed Metallic Paths in Thermoplastic and Thermoset Composite by RTM Processes

18:00 Networking at the 5E Booth and Trademark Booth / Poster Session**19:00 Meeting for Bus Transfer to EPoSS Dinner Event****20:00 EPoSS Dinner Event***Restaurant NiNeu, Avda de la Zurriola 1, 20002 San Sebastián*

17 October 2019 (Day 2)

08:30 **Registration for the EPoSS Annual Forum 2019**
Welcome Coffee & Opportunity to Visit the Poster Exhibition in the Main Hall

09:00 **EPoSS Annual Forum Session IV: Flexible Electronics and Wearables**
Room: Theatre

Chair: Albrecht Donat, *Chairman of the EPoSS Executive Committee, Siemens*
Opening of the Second Day

1. **René Wijlens**, European Platform for Sport Innovation (EPSI)
Strengthening Collaboration between EPSI and EPoSS for a Pipeline of Projects and Business Opportunities
2. **Bernard Strée**, CEA Leti
Towards a Joint Vision for Electronics: Drawing the Landscape of Opportunities
3. **Gerhard Domann**, Fraunhofer ISC
Printed Pressure Sensors Based on Organic Piezopolymers with Improved Properties
4. **Cecilia Jimenez-Jorquera**, IMB-CNM
Multisensing Wearable Technology for Sweat Biomonitoring
5. **Klas Brinkfeldt**, RISE IVF
SocketSense - Advanced Sensor-Based Design and Development of Wearable Prosthetic Socket for Amputees

10:40 **Coffee Break and Networking at the Poster Session**

11:10 **EPoSS Annual Forum Session V: Energy, Water, Food and Agriculture**
Room: Theatre

Chair: Chris Merveille, *Head of International Area, IKERLAN*

1. **Alan O'Riordan**, Tyndall National Institute
Agri4.0: Towards a Sustainable use of Soil Nutrients
2. **David Marcos**, IKERLAN
Battery Management System for Electric Mobility, Technology Insight
3. **Carles Cané**, CNM-CSIC
Smart Systems for Sensing and Network Inspection in Utilities (SENSIX)
4. **Christian Hedayat**, Fraunhofer ENAS
Development of a Reliable Inductive Locating Method for the Localization of Miniaturized Wireless Sensors in Inhomogeneous Fluids

12:45 **Lunch & Opportunity to Visit the Poster Exhibition in the Main Hall**

13:45 **EPoSS Start-up Award**
Room: Theatre

Co-organised by:



Chair: Eduardo Castellano, Faculty of Business, Mondragon University

Within the scope of EPoSS Annual Forum 2019, a contest for young (Spanish) Start-ups and innovators, will take place on 17 October, 13:45-16:00. Under the working title "EPoSS Start-up Award", the presenters will introduce their innovations (at early or mature stages of development), concepts, ideas or business cases. The pitches will have to target Smart Systems technologies for a variety of applications areas such as Manufacture, Energy, Mobility, Flexible Electronics, Wearables, Food, Water, and Agriculture.

Furthermore, the pitches will be observed by the jury, consisting of EPoSS experts from industry and research as well as national funding organisations. The jury will have a dual role for all the contestants – on the one side, it will act as mentor and provide valuable advice on how to improve concepts and business. On the other side, the jury will have a role of a potential business partner, choosing and acknowledging the most innovative and promising idea.

16:00 **Farewell & Networking Coffee**