



15 October 2019 (Day 0)

– for EPoSS Members only –

09:00	EPoSS Executive Committee Meeting <i>Room: 03</i>
11:00	Coffee Break
11:30	EPoSS Working Groups Meetings: Part I
	Parallel meetings of: <ul style="list-style-type: none">• EPoSS Working Group Transport – Chapter "Mobility" <i>Room 03</i>• EPoSS Working Group Factory Automation & Robotics – Chapter "Industry" <i>Room 13</i>• EPoSS Working Group Healthy Living – Chapter "Health" <i>Room 12</i>
12:30	Lunch
13:30	EPoSS Working Groups Meetings: Part II
	Parallel meetings of: <ul style="list-style-type: none">• EPoSS Working Group Applied MNBS – Chapter "Society" <i>Room 13</i>• EPoSS Working Group Energy – Chapter "Energy" <i>Room 03</i>• EPoSS Working Group Food, Agriculture and Natural Resources – Chapter "Resources" <i>Room 12</i>
14:45	EPoSS Working Groups Meetings: Part III
	<ul style="list-style-type: none">• EPoSS Working Group Key Technologies – Status of the EPoSS-ID (gathering participants of all previously held parallel meetings) <i>Room 03</i>
15:45	Coffee Break
16:30 – 18:30	EPoSS General Assembly <i>Room 03</i>



18:30	Bus Transfer to EPoSS Dinner Event <i>Meeting Point: In Front of ORONA</i>
	Social Event
19:00	<i>Visiting Aquarium Museum</i>
20:30	<i>Dinner at Restaurant Bokado Mikel Santamaría</i> <i>Plaza Jacques Cousteau 1, 20003 San Sebastián</i>

16 October 2019 (Day 1)

09:00	Registration for the EPoSS Annual Forum 2019 <i>Welcome Coffee & Opportunity to Visit the Poster Exhibition in the Main Hall</i>
10:00	EPoSS Annual Forum Opening Session <i>Room: Theatre</i>

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, Tourism and the Rural Environment, Provincial Council of Gipuzkoa*
3. **Rikardo Bueno**, *CEO, Basque Research and Technology Alliance*
4. **Colette Maloney**, *Head of Unit, DG CONNECT of European Commission*
5. **Bert De Colvenaer**, *Director, ECSEL Joint Undertaking*

11:10	Panel Discussion <i>Room: Theatre</i>
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Chair: Wolfgang Gessner, *EPoSS Director*

Short introduction by the panellists and panel discussion

1. **Javier García Serrano**, *CDTI*
2. **José Manuel Leceta García**, *Royal Academy of Engineering*
3. **Jochen Langheim**, *Euripides²*
4. **Bert De Colvenaer**, *ECSEL Joint Undertaking*

Panel Discussion

Introduction & Moderation: Wolfgang Gessner, *EPoSS Director*

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

European Technology Platform
on Smart Systems Integration

EPoSS Annual Forum 2019

"MiSSION Smart Systems"

16-17 October 2019, San Sebastián, Spain

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

Chair: Chris Merveille, 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

15:10 Break

15:20 EPoSS Annual Forum Session II: Crossover Topics
Room: Theatre

Chair: Albrecht Donat, 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
Increasing Impact of Smart Systems by Standardization
3. **Stephan Karmann**, Hahn-Schickard
The SmartAnythingEverywhere 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, Euripides²

1. **Stella Nikolaou**, CERTH
User Trial Results of an IoT-Based VRU Safety Platform During Autonomous Driving - The AUTOPILOT
2. **Altti Torkkeli**, Murata Electronics Oy
MEMS Inertial Sensors in Autonomous Driving
3. **Seshan Venkita**, Flanders Make
Fault Tolerant Lateral Control Strategies for Automated Driving (Algorithms)
4. **Leire Bilbao Alba**, Tecnalia
Cabling Embedded in Thermoplastic and Thermoset Composite by RTM Processes

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Landa Inguruneko Departamentua



Diputación Foral de Gipuzkoa
Departamento de Promoción Económica,
Turismo y Medio Rural



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EPoSS Annual Forum 2019

"MISSION Smart Systems"

16-17 October 2019, San Sebastián, Spain

18:10 Networking at the 5E Booth and Trademark and 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, Siemens

Opening of the Second Day

- 1. René Wijlens, EPSI**
Title tba
- 2. Bernard Strée, CEA**
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

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11:05 EPoSS Annual Forum Session V: Energy, Water, Food and Agriculture
*Room: Theatre***Chair: Chris Merveille, Ikerlan**

1. **Alan O'Riordan, Tyndall**
Agri4.0: towards a sustainable use of soil nutrients
2. **David Marcos, IKERLAN**
Development of Mission (Application) Specific BMS for Electromobility
3. **Carles Cané, CNM-CSIC**
Smart Systems for Sensing and Network Inspection in Utilities (SENSIX)
4. **Christian Hedayat, FhG ENAS**
Development of a reliable inductive locating method for the localisation of...
5. **Tba**
Title, tba

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**ikerlan****IK4** 
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