



ECSEL Italy Day
Torino, 1 Marzo 2018

With the support of  inSSight H2020 grant 731665

ECSEL Italy Mirror Group

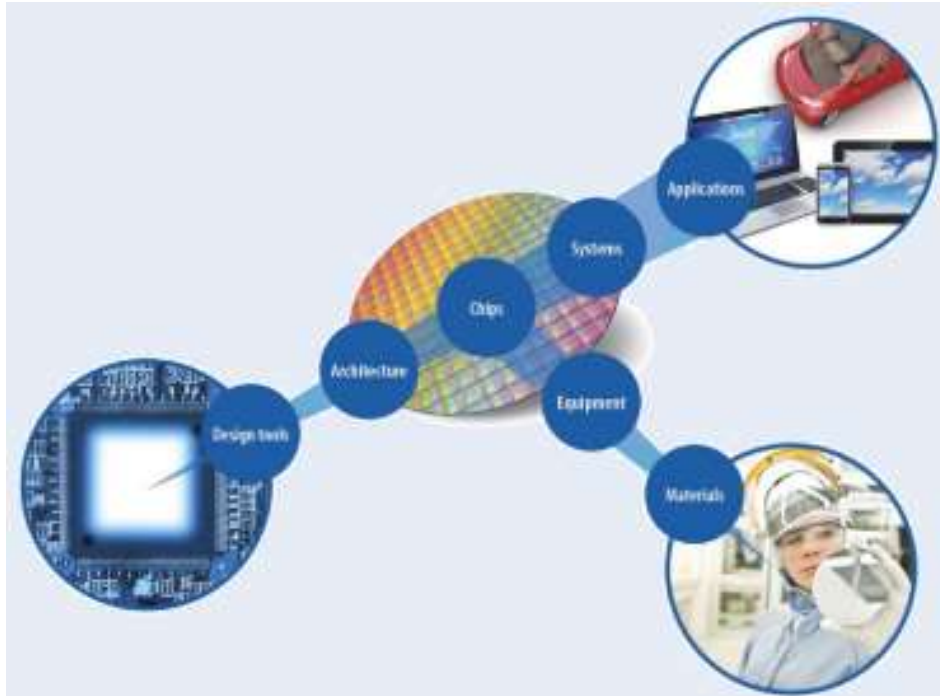
Giancarlo Forlanini



ECSEL as a game changer



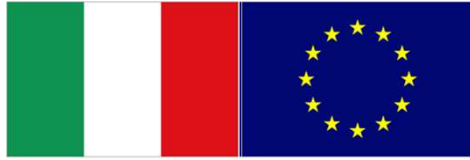
Electronic Components and Systems for European Leadership



With respect to H2020:

- Full chain coverage until prototypes and pilot lines.
- Large size projects.
- Larger number of participants.
- Possibility to combine European, national and regional funds

New opportunities, new challenges



“ECSEL Italia” Mirror Group

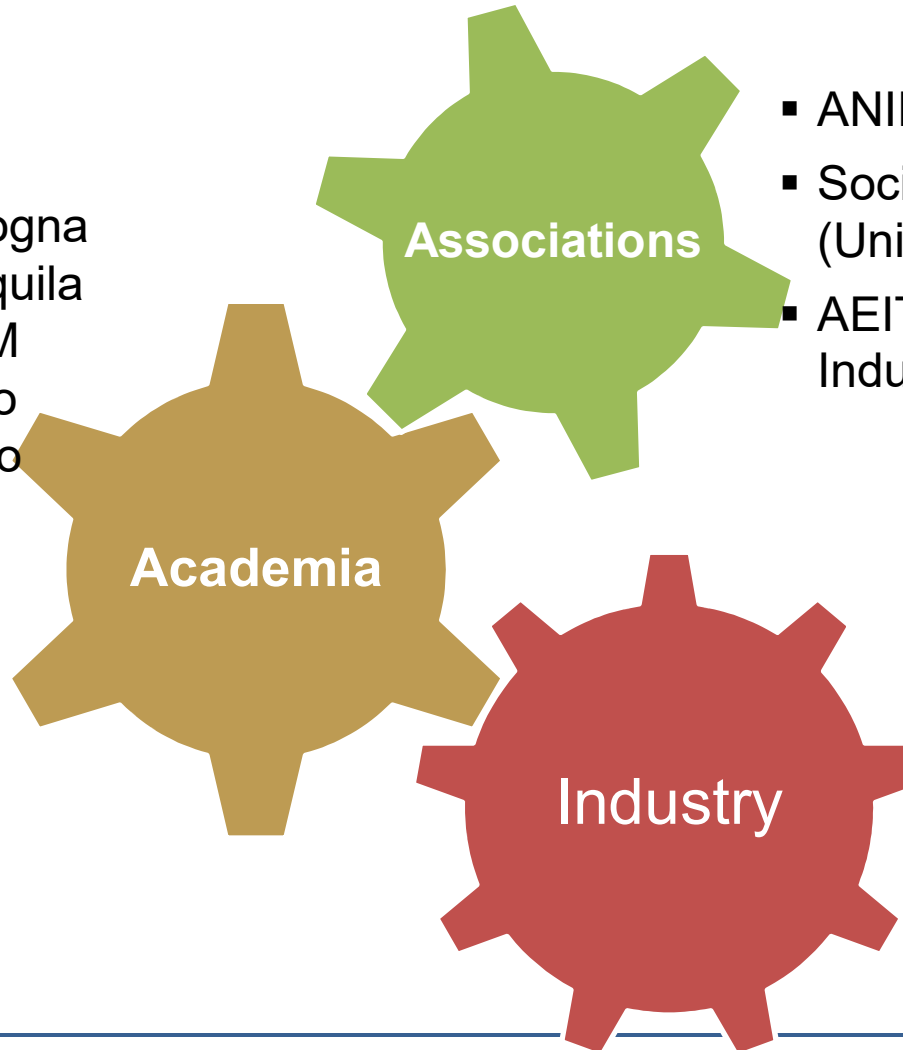
Following the example of ECSEL Mirror Groups in Austria and Germany:

- To facilitate / coordinate the participation of Italian industrial and academic research organizations to the Joint Technology Initiative ECSEL.
- To promote the financial and administrative support to ECSEL by Italian Ministries and Regional authorities.
- To become an Italian interface towards other similar European initiatives and especially PPP's.



Stake Holders in Italy

University of Bologna
University of L'Aquila
IUNET, CNR-IMM
Politecnico Torino
Politecnico Milano



- ANIE (Confindustria)
- Società Italiana Eelettronica (University)
- AEIT-AMES (Electrical Industry)

Members of :

- AENEAS,
- ARTEMISIA
- EPOSS

STMicroelectronics
Lfoundry S.r.l.
Finmeccanica S.p.A.
Bitron, Thales Italia,
Applied Materials,
CRF, Soft-in,
LPE SpA, IFEVS



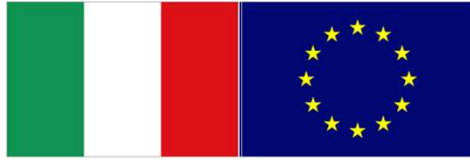
Ambitions

Fostering “System view” in Italy:

- Networking and collaboration
 - Large industry, SME, Research
- Promote coordination of regional-national decisions.
- Re-establish Italian public participation in ECSEL.

A European Vision:

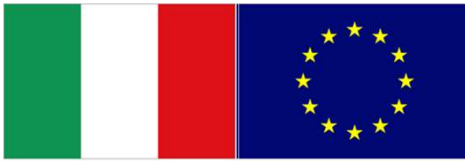
- Link with national clusters in other countries.
- Connect to user ETPs and sector organizations (SEMI, ESIA, ETPs)
- Coordinate project submission and support formation of consortia (also in view of Lighthouse initiatives).



2017 activities



- Meetings with MIUR, MISE and Confindustria for the Italian participation in ECSEL.
- ECSEL Italy Day on May 4 in Bologna, with focus on opportunities in ECSEL calls.
- Poster at ECSEL Symposium in Malta.
- Smart System session at the yearly meeting of Società Italiana di Elettronica, on June 22 in Palermo.
- Smart System session at the yearly meeting of AEIT on September 22 in Cagliari.
- Participation in the EF ECS conference on December 6-7 in Bruxelles.



A view over 2017

ECSEL Mirror Group Italy
September 21, 2017

Mission
Promote public support to ECSEL in Italy
Facilitate participation in ECSEL of Italian partners

Ambitions
Fostering "System View" in Italy:
Networking and collaboration
Large industry SME, Research
Coordinate regional and national decisions
Re-establish Italian public participation in ECSEL

European Values
Link with national clusters in other countries
Connect to other ETPs and sector organizations (SEM, IMA, ETN)

First Achievements
Regular meetings with MITI and MISE with support from Confindustria (Italian industry association)
Contacts started with regions for regional support to ECSEL
Participation to InSight Support Action for the promotion of the Smart System sector
Organization of ECSEL Italy Days in Bologna
Increased participation of Ministry of Industry and Research to ECSEL calls 2016-2017.

G.C. Perlini | g.c.perlini@ecsel.it (President)

AUSTRIAN ECSEL PLATFORM

VALUE CHAIN FOR INNOVATION

FUNDING FOR SMART SYSTEMS & ECSEL

Smart System Integration in the ECSEL Program

Programma
15:00 – 12:00 Il Programma ECSEL, ECSEL Office
12:10 – 12:30 Il Progetto InSight, L. Dali
13:30 – 13:50 Tavola rotonda moderata da F. Sanguerzi, I.Robotics

Con la partecipazione dei rappresentanti delle Regioni Meridionali, di Confindustria e rappresentanti industriali.

La tavola rotonda tratta della situazione attuale di ECSEL in Italia, con particolare riferimento a fatti per il 2017, alla valutazione fattibile e alle varie possibilità di finanziamento a livello nazionale e regionale. Verranno discussi i progetti in corso, con riferimento a quelli nei quali esiste un coinvolgimento italiano, e le idee progettuali.

ECSEL Mirror Group Italia è stato costituito in Italia alla fine del 2015. Il fine di promuovere la partecipazione italiana al programma ECSEL, nel quadro di quanto già fatto in altri paesi Europei, coinvolgendo il Governo Italiano, attraverso il Ministero dell'Industria e Ricerca e il Dipartimento economico di Regione, le regioni associate, le PMI, le Federazioni ANIE e AIMP-AMS.

SIE 2017
Palermo, June 21-23

Sessione Speciale a SIE 2017
Palermo, 23 Giugno 2017
Palazzo Chiaramonte Spinola, piazza Marina, 61.

Smart System Integration in the ECSEL Program

Programma
15:00 – 12:00 Il Programma ECSEL, ECSEL Office
12:10 – 12:30 Il Progetto InSight, L. Dali
13:30 – 13:50 Tavola rotonda moderata da F. Sanguerzi, I.Robotics

Con la partecipazione dei rappresentanti delle Regioni Meridionali, di Confindustria e rappresentanti industriali.

La tavola rotonda tratta della situazione attuale di ECSEL in Italia, con particolare riferimento a fatti per il 2017, alla valutazione fattibile e alle varie possibilità di finanziamento a livello nazionale e regionale. Verranno discussi i progetti in corso, con riferimento a quelli nei quali esiste un coinvolgimento italiano, e le idee progettuali.

ECSEL Mirror Group Italia è stato costituito in Italia alla fine del 2015. Il fine di promuovere la partecipazione italiana al programma ECSEL, nel quadro di quanto già fatto in altri paesi Europei, coinvolgendo il Governo Italiano, attraverso il Ministero dell'Industria e Ricerca e il Dipartimento economico di Regione, le regioni associate, le PMI, le Federazioni ANIE e AIMP-AMS.

2017 AEIT International Annual Conference
September 20-22, 2017
Capri, Italy

TECHNICAL PROGRAMME
Friday, September 22nd, 2017

9:30-10:45 Technical Parallel Sessions
Room A1 TC Results
AP_32 LTE for Smart Grid Communications: a Performance Analysis with a Co-Simulation Approach
AP_33 Smart Grid Communications: a Performance Analysis with a Co-Simulation Approach
AP_34 5G for Smart Grid Communications: a Performance Analysis with a Co-Simulation Approach
AP_35 Smart Grid Communications: a Performance Analysis with a Co-Simulation Approach
AP_36 Smart Grid Communications: a Performance Analysis with a Co-Simulation Approach

ECSEL Mirror Groups Austria and Italy

ECSEL Mirror Group Italy
September 21, 2017

Mission
Promote public support to ECSEL in Italy
Facilitate participation in ECSEL of Italian partners

Ambitions
Fostering "System View" in Italy:
Networking and collaboration
Large industry SME, Research
Coordinate regional and national decisions
Re-establish Italian public participation in ECSEL

European Values
Link with national clusters in other countries
Connect to other ETPs and sector organizations (SEM, IMA, ETN)

First Achievements
Regular meetings with MITI and MISE with support from Confindustria (Italian industry association)
Contacts started with regions for regional support to ECSEL
Participation to InSight Support Action for the promotion of the Smart System sector
Organization of ECSEL Italy Days in Bologna
Increased participation of Ministry of Industry and Research to ECSEL calls 2016-2017.

G.C. Perlini | g.c.perlini@ecsel.it (President)

ECSEL Italy Day
Bologna, May 4, 2017
Confindustria Ferrara-Bologna
via Barbetta 36

National day of ECSEL Mirror Group Italy

The National Day of ECSEL Mirror Group Italy 2017, with its main focus on the ECSEL program, will be held in Bologna, Italy, on May 4, 2017. The event is organized by ECSEL Italy, with the support of Confindustria Ferrara-Bologna, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

The event will be held in Bologna, Italy, on May 4, 2017. The event is organized by ECSEL Italy, with the support of Confindustria Ferrara-Bologna, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

The event will be held in Bologna, Italy, on May 4, 2017. The event is organized by ECSEL Italy, with the support of Confindustria Ferrara-Bologna, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

ECSEL Italy Day
Turin, March 1st 2018
Palazzo di Torino
Salle d'onore,
Castello del Valentino

2nd ECSEL Mirror Group Italy Day and Brokerage Event

The National Day of ECSEL Mirror Group Italy 2018, with its main focus on the ECSEL program, will be held in Turin, Italy, on March 1, 2018. The event is organized by ECSEL Italy, with the support of Confindustria Torino, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

The event will be held in Turin, Italy, on March 1, 2018. The event is organized by ECSEL Italy, with the support of Confindustria Torino, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

The event will be held in Turin, Italy, on March 1, 2018. The event is organized by ECSEL Italy, with the support of Confindustria Torino, ANIE, AIMP-AMS, and the ECSEL Mirror Group Italy.

ECSEL Austria Conference 2017
Electronic based Systems - Key pillars for the future of the Austrian E&S value chain; Introduction to poster exhibition

9:00 Opening and Welcome note (Josef Affenzeller, jaffenz@mcg.at)

Impact 2008 to 2017 Major achievements of projects for the Austrian E&S value chain; Introduction to poster exhibition

9:15 Impact of projects based on Austrian E&S priority "HF electronics and communication" ("Wolfgang Bossh, wbossh@mcg.at)

9:25 Impact of projects based on Austrian E&S priority "Sensor systems" (Martin Kraft, mkraft@mcg.at)

9:35 Impact of projects based on Austrian E&S priority "Power electronics" (Michael Pfaffhuber, mpfaffhuber@mcg.at)

9:45 Poster session and coffee break

The European and Austrian Frameworks to enable E&S

10:15 IN2020 and beyond (Hermi Radtkebach, hradtb@mcg.at)

10:45 ECSEL: fit embedded in IN2020 success stories (Bened Coenen, bc@mcg.at)

11:05 IN2020 and the program Silicon Austria (Michael Wiesmueller, m.wiesmueller@mcg.at)

11:30 Silicon Alps (Guenther Lackner, glackner@mcg.at)

11:45 Lunch Break

Shaping the future of E&S priorities - The global view

12:45 E&S future perspectives on "Power electronics" (Tobias Rattmann - trattmann@mcg.at)

13:15 E&S future perspectives on "HF electronics and communication" (Hermann Schuetzler - hschuetzler@mcg.at)

13:45 E&S future perspectives on "Sensor systems" (Alois Wolfmueller - awolfmueller@mcg.at)

Torino, 1^o Marzo 2018



2018 plans



- ✓ Participation to ARTEMISIA and EPOSS brokerage events in Berlin on February 6-8.
- ✓ ECSEL Italy Day and brokerage event on March 1st in Turin
 - Participation to the ECSEL Call Forum on March 6-7 in Varsavia and presentation of project ideas by partners
 - Workshop of ECSEL Mirror Groups Austria on April 26th in Linz.
 - Smart Systems sessions at Automotive meeting on July 9-11 in Milan, and at the yearly meeting of Società Italiana Elettronica on June 20 in Naples.
 - Support to organization of ECSEL Mirror Group Sweden and joint meeting for partners' networking.
 - Participation in next ECSEL Symposium and EFECS

ECSEL Italy Day
Turin, March 1st 2018
Politecnico di Torino
Salone d'onore,
Castello del Valentino

2nd ECSEL Mirror Group Italy Day and Brokerage Event

The second edition of **National day of ECSEL Mirror Group Italy**, on March 1st 2018, aims at conferring the role to Turin as the reference "hub" for Italian participation to the call of the ECSEL 2017 Technology Initiative and other H2020 funding programs.

The **National day of ECSEL Mirror Group Italy** gathers the outcomes of the ECSEL 2017 calls and the presentation of the recently announced 2018 calls. Opportunities for funding at national and regional level will be presented by national and local authorities. Attention will also be given to the call of H2020, with special attention to the opportunities for industrial partners.

Representatives of the funding institutions, and of the ANE, a AD-IMPACT association will be available for further clarifications to the parties, especially SMEs. Project ideas and offers of partnership will be collected for future brokerage events from parties interested in participating in the trade.

Organized by
AETI ASSOCIAZIONE ITALIANA ELETTRONICA
inSStIght
with the support of
AME ASSOCIAZIONE MANIFATTURIERA ITALIANA

PRELIMINARY PROGRAM

- ECSEL Italy achievements in 2017
- ECSEL 1st
- ECSEL 2nd
- MUR 2nd
- Openness
- Smart 2nd
- Idea call

AUTOMOTIVE

The EFEL will sponsor a model of all Member of Regions, the

March 9-11, July 2018
Vallombrosa di Milano
Brescia, Bergamo

International Conference of Electrical and Electronic Technologies for Automotive

The third edition of the Conference **AUTOMOTIVE** will be held from the 9th to the 11th of July 2018.

It aims to be the forum of the automotive community to present and discuss the most recent results of scientific and technological research in this industry with particular emphasis to applications and new trends. The Conference will cover all aspects of the segment focusing on electrical vehicles, connected autonomous cars and related mobility.

AUTOMOTIVE will bring together in an annual international event over three days the automotive community and the information and Communication Technology one.

The steering and the Technical Program Committees will include experts from Academic and Association world, key industrial stakeholders and representatives of public Authorities.

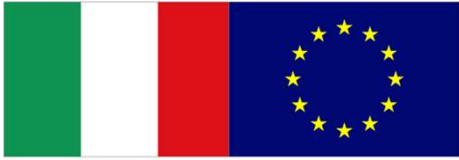
The **AUTOMOTIVE** program will be structured in scientific sessions including accepted papers, keynote speeches, round tables and panel discussions, covering current automotive scenarios with national and international perspectives, development trends and regulatory framework.

Legal, ethical and social aspects related to the new driving and mobility will be also addressed.

AUTOMOTIVE is aimed at an academic and industrial audience, professionals active in automotive, including designers, manufacturers and users of technology, as well as public administration officers, analysts and investors interested in this sector in great development and of high social impact.

Special conditions will apply to encourage the participation of students of specific university courses.

Organized by
AETI ASSOCIAZIONE ITALIANA ELETTRONICA
INSP ITALIAN NETWORK FOR SMART PROGRAMS
in cooperation with
POLITECNICO MILANO
UNIVERSITA' DEL SALENTO
UNIVERSITA' DI NAPOLI
under the patronage of
AETI ASSOCIAZIONE ITALIANA ELETTRONICA
technical cooperation of
IEEE IEE



Thank you!

<http://www.aeit.it/ecsel>

Contacts:

- enrico.sangiorgi@unibo.it (Central WG Chair)
- enrico.pisino@fcagroup.com (Central WG Chair)
- roberto.zafalon@st.com (Regional WG Chair)
- corrado.spinella@imm.cnr.it (Regional WG Chair)
- baldi.livio@gmail.com (Coordinator)



Un avviso

Per motivi promozionali, verranno prese fotografie della sala e dell'uditorio. E' quindi possibile che foto contenenti anche la vostra immagine siano pubblicate sulla pagina web di ECSEL Italy, o che vengano utilizzate per future pubblicazioni di ECSEL Italy. Se pensate che questo possa crearvi problemi, vi preghiamo di comunicarcelo agli indirizzi indicate sulla pagina web, in modo da eliminare le foto che vi riguardano.