



# SKILLMAN

Sector Skills Alliance  
for Advanced Manufacturing  
in the Transport Sector  
[skillman.eu](http://skillman.eu)

## 2016 International Conference

### Venue

Representation of Tuscany Region  
Rond Point Schuman, 14  
1040 – Brussels

### Date

15 April 2016



Co-funded by the  
Erasmus+ Programme  
of the European Union

SKILLMAN, the Sector Skill Alliance for Advanced Manufacturing in the Transport Sector, represents the one-stop-shop providing state of the art solutions to competencies and skills needs faced by the automotive and avionics sector. The Sector Skills Alliance is promoted by a network of leading organizations, including Jaguar Land Rover, FIAT Research Centre and SAS, Scandinavian Airlines Systems, in cooperation with research centres, educational providers and qualification awarding bodies.

The industrial partners cooperate with educational providers to detect skills needs and jointly design educational programmes in line with current and emerging technologies. The Observatory on Advanced Manufacturing for the Transport Sector focuses its research activities and yearly outlook on labour market intelligence and on the requirements for educational programmes around three key domains areas:

- Robotics
- Composite and lightweight materials
- Wireless technologies and Industry 4.0

Each challenge is assigned to a Thematic Commission, conceived as working group, which is responsible to build a knowledge base on sector trends and innovations and on new requirements for educational programmes and qualifications. The educational programmes promoted by SKILLMAN are primarily aimed at youngsters involved in tertiary VET qualifications, workers involved in short-cycle qualifications directed to re-skilling or up-skilling programmes and trainers wishing to access state of the art educational materials on Advanced Manufacturing for the Transport Sector.

SKILLMAN adopts an open approach allowing external stakeholders to join the Open Network of Associated Partners in the perspective of sharing information and know-how, creating synergies and cooperation initiatives and promoting the raise of quality of educational programmes and qualifications in the field of Advanced Manufacturing in the Transport Sector.

The conference promotes synergies and exchange of experiences among businesses, educational providers, professionals and decision makers around skills shortages, ensuring tangible benefits in terms of:

- Benchmarking successful initiatives and support to strategic planning for **decision makers**
- Sharing resources, methodologies, tools and solutions for **practitioners**

The conference offers networking opportunities to foster cooperation between VET providers and businesses, within and beyond EU borders. The conference promotes capacity building for improving the educational offer in the field of advanced manufacturing at different and complementary dimensions:

- 1 – Individuals
- 2 – Organizations
- 3 – Legal framework

**SKILLMAN Alliance is supported by the Executive Agency for Education and Culture of the European Commission under the Erasmus+.**

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# 15<sup>th</sup> April 2016 – DRAFT AGENDA

## SPEAKERS TO BE CONFIRMED

*Venue: Representation of Tuscany Region – Rond Point Schuman, 14 – Brussels*

08.00 – 09.00	Registration of participants
09.00 – 09.10	Welcome by Local Host
09.10 – 09.20	Stefano Tirati, CSCS <i>SKILLMAN Alliance Introduction</i>
09.20 – 09.35	* Felix Rohn, DG Employment, European Commission <i>Sector Skills Alliances as support measure for economic development</i>
09.35 – 09.50	* André Richier, DG GROW, European Commission <i>Skills for Digital and Key Enabling Technologies. Challenges and opportunities, a European perspective</i>
09.50 – 10.05	* Diederik Verzijl, PricewaterhouseCoopers <i>Skills needs for Key Enabling Technologies</i>
10.05 – 10.20	* Aikaterini Sylla, ESCO Secretariat <i>Findings of ESCO Online Consultation within the occupational family “Manufacturing of Transport Equipment”</i>
10.20 – 10.35	Renzo Salimbeni, CNR, National Council for Research <i>Emerging technologies in the transport sector within 3 priority dimensions selected by Skillman</i>
10.35 – 10.55	SKILLMAN Alliance Networking Exercise Coffee break
11.00 – 12.30	Workshops Emerging technologies and skill needs
	A) Facilitator: Thomas Nørup, TEC <i>Lightweight materials in maintenance of aircrafts</i> <b>Guest speakers:</b> * <b>Phillip Crothers, Boeing</b> * <b>Andreas Klossek, EIT KIC Raw Materials</b>
	B) Facilitator: Stuart Jackson, Jaguar Land Rover <i>Robotics in advanced manufacturing</i> <b>Guest speakers:</b> * <b>Klaus Petter, KUKA</b> * <b>Federico Vicentini, ITIA CNR</b>
	C) Facilitator: Daniele Bassan, FIAT Research Centre <i>Wireless technologies and Industry 4.0</i> <b>Guest speakers:</b> * <b>Chris Decubber</b> <b>European Factories of the Future Research Association</b> * <b>Carsten Johnson, CISCO</b>

12.30 – 13.30	Light lunch
13.30 – 13.45	Susanne Gottlieb, Metropol University College <i>Methodological approach in developing ECVET, EQF and EQAVAT compliant curricula and qualifications</i>
13.45 – 14.00	Giovanni Crisonà, CSCS <i>E-learning solutions and new learning paradigms</i>
14.00 – 14.45	Innovating educational curricula and qualifications:  Roy Pumphrey, Birmingham Metropolitan College David Morgan, EAL <i>State of the art in UK</i>  Stefano Tirati, CSCS Giancarlo Colferai, CEPAS <i>State of the art in Italy</i>  Vibeke Nørgaard, TEC Marianne Riis, Metropol University College <i>State of the art in Denmark</i>
14.45 – 15.00	Coffee break
15.00 – 16.00	Panel Discussion How vocational education may support business world and technological innovations  Facilitators: Renzo Salimbeni (CNR) and Giovanni Crisonà (CSCS)  (EU) European Commission, DG GROW * André Richier, Digital Manufacturing and Interoperability <i>Key enabling technologies as economic opportunities</i>  (BASQUE) TKNKA, Basque Government * Jose Luis Maure Fernandez, International Relations <i>TKgune fostering advanced manufacturing</i>  (EU) European Skills Council for the Automotive Industry * Nathalie Gminder, European Affairs & Communication <i>Skills needs in the automotive sector</i>  Conference Conclusions <i>SKILLMAN Sector Skills Alliance Opening Ceremony</i>

## Registrations

Participation to the conference is free of charge.

Places are limited and preliminary registration is compulsory via online form:

<http://www.skillman.eu/events/2016-international-conference>

**Registrations close on 31th March 2016**