

International conference on sustainable mobility, industry and innovation

12-13 October 2016

Bellinzona, Switzerland

The Competence centre msfi, together with the University of Applied Sciences and Arts of Southern Switzerland (SUPSI) and in cooperation with the City of Bellinzona, the Swiss Federal Railways SBB and the Regional Economic Development Body Bellinzonese e Valli (ERS-BV) announces the organization of MobLab16 in Bellinzona, Switzerland, from October 12th to October 13th, 2016.



The 1st International Conference on Sustainable Mobility, Industry and Innovation (MobLab16) will be held in Bellinzona, Switzerland from October 12-13, 2016, and I look forward to a successful event thanks to the support of the University of Applied Sciences and Arts of Southern Switzerland (SUPSI) in cooperation with the City of Bellinzona, the Swiss Federal Railways SBB and the Regional Economic Development Body Bellinzone e Valli (ERS-BV).

At the first operational meeting of msfi in Bellinzona, the board accepted the proposal of the Management to establish and create this conference with focus on the fields of Sustainable Mobility and Railways. With a robust committee in place, we will have sessions ranging across the spectrum of mobility, industry, innovation and sustainability. Industrial systems and maintenance, connectivity and artificial intelligence, economic and environmental impacts are only some of the major themes within the Conference. We will have updates on our understanding of the future of mobility.

At the end of this Conference, we hope that attendees feel that they have garnered the most up-to-date information available in mobility, railways and innovation.

The Conference will include keynote speakers, plenary sessions and social events to enable and encourage open discussions of the attendees. A small exhibit will present the latest information and provide new insights into the current state of the field.

Looking forward to welcoming you to Bellinzona!

**Simone Bernasconi
MobLab16, Conference President**

Conference Moblab16

The Leitmotif of the conference can be summarized as follow:

“Traveling hand-in-hand with the future: from space journeys to personal assisted mobility”.

In other words, we want to start the journey with you showing the possibilities that space travel will make true. The journey will then develop towards earth with suborbital flights, air travel and drones. We will then get to the ground and focus on sea travel, railways and public transportation. We will then continue with the personal transportation (cars, motorbike and scooters) and to the last mile with new alternative means of connecting people. At last we want to show you some innovation in regards to the human being and his interaction with technology.

All this with a blink of an eye towards industry, innovation and technologies needed to perform the relevant task and service.

Conference Organizing Committee

President

Simone Bernasconi

Managing director, competence Centre Msfi

Vice President

Felice Zanetti

Deputy Mayor, City of Bellinzona

Member

Raffaele De Rosa

Director General, Regional Economic Development Body Bellinzonese e Valli

Member

Giuliano Montanaro

Ceo, Alius Consulting Ltd.

Member

Ferruccio Bianchi

Head of Asset Management, Swiss Federal Railways SBB

Member

Franco Gervasoni

Director General, University of Applied Sciences and Arts of Southern Switzerland

Speakers (in alphabetic order)

October 12th, 2016 | 09:45 – 10:30

Prof. Claude Nicollier | **Mobility beyond Planet Earth**

Professor at the Swiss Federal Institute of Technology in Lausanne / NASA Astronaut
www.epfl.ch

October 13th, 2016 | 09:30 – 09:50

Wassim Badran | **Energy efficiency @SBB**

Senior Consultant, Swiss Federal Railways SBB
www.sbb.ch/en/group.html

October 13th, 2016 | 11:15 – 11:45

Jonas Brunvoll | **Tesla – The Energy Revolution**

Store Manager, Tesla Motors Switzerland
www.tesla.com/de_CH

October 13th, 2016 | 09:50 – 10:10

Jens-Erik Galdiks | **Innovation and Digitalization in the Railways Cargo Field**

Head of Rolling Stock Technology, SBB Cargo
www.sbbcargo.com

October 12th, 2016 | 11:45 – 12:15

Enzo Giannini | **Unmanned in the air**

General Manager Propeller Aircraft & UAV, RUAG Aviation
www.ruag.com/de/aviation/aviation-home/

October 13th, 2016 | 11:45 – 12:15

Ramon Müller | **«SmartShuttle» autonomous mini-buses in Sion**

Technical Director SmartShuttle, PostBus Switzerland
www.postauto.ch/en/about-postbus_organisation

October 13th, 2016 | 10:10 – 10:30

Dr. Miroslav Obrenovic | **Innovation Strategy @DB Cargo**

VP Asset Strategy & Programs, DB Cargo
www.dbcargo.com

October 13th, 2016 | 13:30 – 14:00

Thomas Pohl | **An on-going mobility for everyone. A revolution to a better urban lifestyle**

Management Representative, Micro Mobility System Ltd.
www.micro.ms

October 12th, 2016 | 15:00 – 15:30

Prof. Giambattista Ravano | **Research, Innovation and Mobility**

Director of Innovation and Research, SUPSI
www.supsi.ch

October 13th, 2016 | 14:00 – 14:30

Daniel Rudin | **Cybersecurity in critical infrastructure**

Project Manager, Reporting and Analysis Centre for Information Assurance MELANI
www.melani.admin.ch

October 12th, 2016 | 11:15 – 11:45

Simon Schatzmann | **Topic: Innovation in air transportation**

COO / Accountable Manager, Helvetic Airways AG
www.helvetic.com

October 12th, 2016 | 14:00 – 14:30

Toshiaki Shigha | **Strategy under Competitive Transport Market and JR East Vision**

Director Brussels Office, East Japan Railway Company (JR East)
www.jreast.co.jp/e/aboutus/index.html

October 12th, 2016 | 14:00 – 14:30

Nicola Simionato | **The Travel Micro-moments**

General Manager Business Development - Travel, Google
www.google.com / www.abc.xyz

October 12th, 2016 | 15:30 – 16:00

Josef Stoll | **Future of mobility**

Member of the Executive Board, former Chief Technology Officer of Deutsche Bahn
www.deutschebahn.com

October 13th, 2016 | 14:45 – 15:00

Simone Bernasconi | **Mobility of the future: Industrial and economic implication**

Managing Director, Competence centre msfi
www.msfi.ch

October 13th, 2016 | 14:30 – 14:45

Dr. Andrea Mazzone | **The hurdles of innovating railways and how to tackle it**

Lead Innovation & Technology Management, Bombardier Transportation (Switzerland) AG
www.bombardier-transportation.ch

Program at glance (subject to changes)

October 12th, 2016

08:30 – 09:20	Registration
09:20 – 09:45	Conference opening
09:45 – 10:30	Mobility beyond Planet Earth; Prof. Claude Nicollier
10:30 – 11:00	Panel discussion with Prof. Claude Nicollier
<i>11:00 – 11:15</i>	<i>Short Break</i>
11:15 – 11:45	Innovation in air transportation; Helvetic Airways
11:45 – 12:15	Unmanned in the air; RUAG Aviation
12:15 – 12:30	Panel discussion
<i>12:30 – 13:30</i>	<i>Lunch</i>
13:30 – 14:00	The Travel Micro-moments; Google
14:00 – 14:30	Strategy under Competitive Transport Market and Vision; JR East
<i>14:30 – 15:00</i>	<i>Break</i>
15:00 – 15:30	Research, Innovation and Mobility; SUPSI
15:30 – 16:00	Future of mobility; Josef Stoll
16:00 – 16:30	Panel discussion
16:30 – 18:30	The mobility experience...
19:00	Gala Dinner incl. Networking Apéro

October 13th, 2016

08:45 – 09:15	Registration
09:15 – 09:30	Day Conference opening
09:30 – 09:50	Energy efficiency @SBB; Swiss Federal Railways SBB
09:50 – 10:10	Innovation Strategy @DB Cargo; DB Cargo
10:10 – 10:30	Innovation in the Railways Cargo Field; SBB Cargo
10:30 – 10:45	Panel discussion – Industry of the Public & Freight Transport
<i>10:45 – 11:15</i>	<i>Break</i>
11:15 – 11:45	Tesla – The Energy Revolution; Tesla Motor Switzerland
11:45 – 12:15	«SmartShuttle» autonomous mini-buses; PostBusSwitzerland
12:15 – 12:30	Panel discussion
<i>12:30 – 13:30</i>	<i>Lunch</i>
13:30 – 14:00	An on-going mobility for everyone. A revolution...; Micro Mobility Sys.
14:00 – 14:30	Cybersecurity in critical? infrastructure; MELANI
14:30 – 14:45	Locomotive Innovations; Bombardier Transportation
14:45 – 15:00	Mobility of the future: Industrial and economic implication; msfi
15:00 – 15:30	Final Panel discussion & Conference Conclusion
15:30 – 16:30	<i>Closing & get together</i>

For any inquiries,
or for additional information,
please contact:

Organization

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**MobLab16 Conference
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