



 International Balzan Prize Foundation

Federico Capasso Harvard University, Balzan Prize winner 2016

«My first 40 years of research were guided not as much by discipline but by a “problem solving” attitude. I have tremendously enjoyed working at the interface between disciplines. As I like to say nature does not know what optics, solid state physics, chemistry, etc. are! With this pragmatic approach at Bell Labs we invented the quantum cascade laser by exploiting advances in materials engineering and quantum design. This laser dramatically extended the wavelength range of lasers and opened the door to important new applications. At Harvard I launched a company which develops a handheld device based on this technology that can be used to quickly and precisely analyse chemicals at a safe distance. I have come to realise that in science and technology it is all about passion and working persistently, being focused and yet still being open for

surprises. Creativity is critical of course but to some extent can be learned!

I am looking forward to this event, where I will share my experience as a researcher and a teacher engaged in problem-solving by working with students and young colleagues on an equal footing. Science thrives when we forget about hierarchies and authority»



Mauro Dell'Ambrogio, State Secretary, SERI

«Switzerland has already responded to the increasing importance of digitalisation and thus positioned itself well for the future. We aim to provide the conditions needed to adapt education, research and innovation to the increasingly rapid pace and widespread use of new technologies. Continuing education and training programmes are key instruments helping prepare our workforce for today's digital challenges. Multi-stakeholder partnerships are also becoming increasingly important. Together we can take advantage of the opportunities created by digital transformation»



Manuele Bertoli, President and State Councillor, Canton Ticino

«It is crucial to adapt to digitalization and for this we need quality training today. The pitfalls of digitalization must be actively managed. I see kids who are only talking to each other through their mobile phones, I think this issue has to be addressed. The human relationship within society, even in the face of major change – I would say almost sneaky and deceptive – remains extremely important»

Alberto Petruzzella,
President of the
Board, SUPSI



Franco Gervasoni,
Director General,
SUPSI

«Every future-oriented change must immediately affect all school orders and be tackled in close collaboration with the professional world»



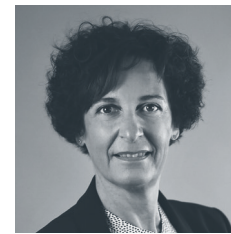
Cornelia Oertle,
Director General, SFIVET

«Digitalization is omnipresent in today's society, changing our professional world at an almost impossible pace. In the field of vocational education and training, digitalization opens up completely new opportunities for knowledge transfer but also creates huge challenges for working life»



Katharina Fromm, Full Professor for
Chemistry at the University of Fribourg
and Vice-President of the Research
Council, SNSF

«Digitalization is a fast revolution in our society. Time to study its effects and opportunities on/in Science, Innovation and our Society!»



Monica Duca Widmer, President of the
Board, USI and Vice-President,
Swiss Academy of Engineering Sciences



Boas Erez,
Rector, USI

«Avere il mondo a portata di mano», «At your fingertips», «Au bout des doigts», «In den Fingerspitzen». This is what the digital age promises. But doesn't the world need a broader reach?»

Luca Albertoni,
Director, Chamber
of Commerce of
Canton Ticino
(Cc-Ti)



Rudolf Minsch,
Chief Economist,
economiesuisse

«Digitalization will reshape our economic and social landscape. Do we have the necessary requirements, resources, education, mentality, etc. in Switzerland to successfully adapt to the digital revolution and to remain the most innovative country in the world?»



**Laura Perret
Ducommun,** Secretary
General, Swiss
Federation of Trade
Unions

«The digitalization process has a deep impact on our activities and our relationship to others. Risk or opportunity?»

Peter Voser, Chairman of the Board of
Directors, ABB Group

«In the age of digitalization, it has become more evident that lifelong learning will be key. Based on a solid education we have to be open, agile and flexible and be able to adjust to an ever faster changing world»



Thomas Zeltner,
President of the
Science et Cité
foundation

«Digitalization will profoundly transform the way we train, learn and work in the 21st century. The biggest challenge of this transformation will be to reach out to all parts of society and to leave no one behind»

Welcome to Lugano!

Be part of the dialogue: Luca Albertoni, Claudia Appenzeller, Jean-Jacques Aubert, Furio Bednarz, Manuele Bertoli, Maurice Campagna, Federico Capasso, Aleardo Cattaneo, Mauro Dell'Ambrogio, Claudio Della Santa, Monica Duca Widmer, Boas Erez, Katharina Fromm, Franco Gervasoni, Fabio Merlini, Rudolf Minsch, Antonietta Mira, Lucio Negrini, Cornelia Oertle, Daniele Parenti, Giovanni Pellegrini and members of the Youth Parliament, Laura Perret Ducommun, Alberto Petruzzella, Alberto Piatti, Giambattista Ravano, Stefano Santinelli, Marcel Tanner, Peter Voser, Thomas Zeltner, Markus Zürcher

#digitale21

The Effects of Digitalization on Training,
Learning and Working in the 21st Century

11 – 13 APRIL 2018, LUGANO
SUPSI TREVANO CAMPUS
www.digitale21.ch   

Youth Parliament | Bellinzona | 8 – 9 March 2018 | upon invitation
Experts in education event | 11 April 2018 | for teachers with advanced registration
Symposium | 12 April 2018 | free admission | aperitif and dinner by invitation
Symposium | 13 April 2018 | free admission

