

## FACE3 | FINAL EVENT

REGISTRATION  
before **4 Dec 2018**  
on [Eventbrite](#)

CONTACT  
IDM Südtirol - Alto Adige

NOI Techpark  
Via Volta / Voltastraße 13A  
I-39100 Bolzano / Bozen  
T. +39 0471 094 232

[www.idm-suedtirol.com](http://www.idm-suedtirol.com)

FEE  
Participation is free, upon  
[registration](#). Places are limited.

EVENT IN ENGLISH LANGUAGE  
WITHOUT TRANSLATION

INNOVATION  
DEVELOPMENT  
MARKETING



Interreg Italy-Austria FACEcamp project has offered a training course aimed at increasing the know-how of companies and freelance professionals operating in the field of complex technological building façades. The course aimed to transfer to freelance professionals and technical staff of construction companies, concepts and innovative methods in the sector of complex technological façades. The educational program had a complete structure regarding the covered topics, to provide innovative concepts, tools and methods, while stimulating the growth of local skills in the construction sector, increasingly subject to environmental and energy regulations.

The course was divided into 6 units, for a total of 15 days. It was characterized by a strong orientation to practice with the participation of experienced speakers, well-known for their skills in the field. All contents have been conceived and designed to address the main themes of concept, design, calculation, production, installation and maintenance of complex building facades. A study trip to Milan was organized to closely analyse significant examples of technological innovation in the field of façades.

### Target group

Companies, architects, engineers, developers, owners, research centres.

### Continuous Educational Units (CEUs)

Participation is valid for **5 CFP** for architects, **4 CFP** for periti industriali, **3 CFP** for engineers.





in partnership with

**eurac**  
research

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- 10:00 **Registration**
- 10:30 **Introduction.**  
IDM Alto Adige – Südtirol, Ecosystem Construction
- Façade design and construction. The hot spots.**  
Angelo Lucchini, full professor at Politecnico of Milan, ABC Department
- The future of façades. The industry's perspective.**  
Paolo Rigone, UNICMI, Technical Manager
- FACE 3rd edition. Façade physics, technology, operations.*  
The Project Works of the 3rd edition of the course:
- 11:00 **The effect of dynamic selective shading devices and their potential in Northern Europe.**  
Jaap Aanhaanen, Cowi, responsible for facade projects
- 11:15 **Adaptable window system.**  
Giovanni Toniato, Eurofinestra, product developer
- 11:30 **Energy retrofitting of two building typologies: apartment block and individual house under conservation measures.**  
Jernej Markelj, AaJM+, freelance architect
- 11:45 **Climate-adaptive building's façade: digital workflow for façade construction.**  
Angelo Figliola, Unicam SAAD, architect and researcher
- 12:00 **BIM for glazed facades production and installation phase.**  
Audrius Lukosius, Fasadglas Bäcklin, façade design manager
- 12:15 **Desktop study of timber unitised curtain wall fire performance for high rise tower application.**  
Alessandro Massarotto, C&S Facades, cladding bid manager
- 12:30 **A façade integrated, heat recovery, nearly passive ventilation unit.**  
Zuzana Prochazkova, Pich Architects, architect & R+D manager
- 12:45 **BIM, BEM and AVA for solar shading system.**  
Reinhard Trojer, HELLA, technical department
- 13:00 (light) Lunch break
- 14:00 **New Tech Façade (NTF).**  
Federico Dal Cin, Studio FDC, owner & building envelope specialist
- 14:15 **A design proposal for a building integrated solar thermal vertical collector (BIST) working as a dynamic self-activated shading device.**  
Giulia Santoro, Arup Italia, façade engineer
- 14:30 **Decision-making tool -optic (glazing) component for ME-climatic condition.**  
Aya Alayan, Navitas, façade engineer
- 14:45 **One single model: structural glazing analysis for complex shape structures.**  
Marco Benedetti, Maffei Engineering, façade and structural engineer
- 15:00 **LCA Façade Configurator.**  
Matteo Giovanardi, Ai Group, freelance architect and energy modeler
- 15:15 **Adaptive glazed façade for an office building in Rome.**  
Ornella Ferlito, Manens-Tifs, building physics specialist
- 15:30 **Case study to create a company procedure of development and innovation on technical details.**  
Michele Realis Luc, Zanetti, project manager
- 15:45 **Dependency of energy loads and operational costs of a typical office room on façade design choices.**  
Paolo Bonato, EURAC research, junior researcher
- 16:00 **Jury final evaluation**
- 16:30 **Closing**  
Final certificates. Best Project Work special mention. Closing remarks.

