

## JOINT ROUND TABLE

# BUILDING THE FUTURE OF CONSTRUCTION: AUTOMATION, 3D AND DIGITAL EVOLUTION

06.11.2020 - H. 10.30 - VIRTUAL

## Presentation

SHVET project Joint Round Table will be held online on November 6.

SHVET project developed a joint curriculum for a Building Automation Expert.

4.0 technologies are the fil rouge of innovation in the building construction sector, as well as in every other social, cultural and economic context.

During the Joint Round Table, starting at 10.30, experts will present the latest news about 3D digital building construction. There will be also the opportunity to talk about technology and experiences in using building automation systems in USA and about the digital evolution of the smart infrastructures (Siemens).

**Join us!**  
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## Agenda and Experts

### 10.30 - Introduction

Tomislav Capuder - Faculty of Electrical Engineering and Computing, University of Zagreb

### 10.40 - Leonidas Paterakis - FabLab Venice

#### 3D and the future of the building automation

He's active in the field of digital design, with a special attention on Parametric/computational design and digital fabrication. As a freelance architect he's collaborating with several companies related to digital production through technologies as, 3d printing and cnc milling. He taught at the European Institute for Design in Venice (IED) and since 2011 he's been teaching at the post-grad Master's in Digital Architecture at the IUAV university of Venice. He's a co-founder of Fablab Venezia, technical director and main instructor. He is also an Authorized Rhino Trainer from McNeel (Rhino3d and Grasshopper)

### 11.00 - Dani Kajtaz - AVIR

#### Luxury Home Automation System - How we do it in California

Dani Kajtaz is a system integrator in the company AVIR (California, USA) with 15 years of experience. His responsibilities are implementation and integration of Home Automation Systems - from small single room control over the television set and audio system to large scale home automation which controls include multi room audio and video control, heating and air conditioning, lighting systems, security systems, pool and spa control, door phone integration and so on. Other skills include network setup, pbx telephone system programming and day to day tech support for in field technicians that are part of our company. AVIR is factory authorized and trained designer and installer of the finest audio, home theater, lighting control, motorized shading, network, and home automation equipment in Southern California. Notable automation companies the company works with and uses their products for seamless integration are Crestron, Control4 and Savant as well as Packedge Networking for hardwired connections and Ruckus Networks for wireless setup.

### 11.20 - Igor Kulašić - Siemens Slovenia

#### Construction 4.0 - Smart Buildings and Digitization in Construction

Igor Kulašić is the head of Smart Infrastructure at Siemens Slovenia, providing solutions in the field of building technologies and energy management, and the head of business unit Building Products for Slovenia, Bosnia and Herzegovina, Montenegro, Croatia, and Serbia. He works with customers and partners to create ecosystems that intuitively respond to human needs and helps customers make better use of the resources.

### 11.40 - Q & A

### 11.50 - Conclusions

**MODERATOR: Tomislav Capuder, Faculty of Electrical Engineering and Computing, University of Zagreb**

<http://smart-hvet.eu/>