



## SPLIT SUMMER SCHOOL STSS2021

### COURSE: BIM FOR ARCHITECTS

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#### Main topics:

- BIM modelling approach
- Making of 3D BIM model according to drawings
- Carpentry installation, finishings and furniture
- Generating plans from 3D BIM model
- Export material quantities from 3D BIM model
- Bimplus platform – interoperability and collaboration with other professional groups
- Allplan rendering possibilities and Lumion presentation



#### Programme structure:

- 5-day course
- On the 1st and 5th day lecture is organized for all participants together
- Every student gets recorded education

#### Important dates:

Course dates: 06/09/2021 – 10/09/2021  
Deadline for application: 23/07/2021  
Confirmation of the course: 02/08/2021  
Payment due by: 23/08/2021

**Price of the course:** 270 € (tax included)

#### Programme plan:

1.DAY  
Introduction to BIM approach in architecture and basics of BIM standardization, Employer's Information Requirements – EIR, BIM Execution Plan – BEP. Introduction to basic features of Allplan software. Creating project and content

processing of the interface. Explanation of the terms „structure“ and „bdrawing“. Definition of building structures for BIM projecting.

#### 2.DAY

Modelling and attributes defining of specific architectural elements; wall, beam, panel, openings, lintel, staircase. Explanation of the concept of defining the height settings of components, custom planes, managing the planes and layers. Level copying.

#### 3.DAY

Introduction with room functions and finishings. Grouping and description of rooms as well as generating living space and finishing reports. Installation of furniture from Allplan Library and importing .skp files. Roof modelling. Rendering and animation of BIM model. Generating quantity of material reports.

#### 4.DAY

Making of associative views, perspective views, cross sections and isometry cross sections. Analysis of possibilities of functions section and view. Dimensioning of a drawing and preparation for print. Export of the BIM model in .pdf and .ifc forms. Introduction to other import/export options. Making of form work plan including automatic elements description.

#### 5.DAY

BIM collaboration and Allplan communication with other software in interoperable and collaborative BIM surrounding as well as introduction with Common Data Environment – CDE through Bimplus and Bluebeam. Marking up collisions and giving tasks to various participants in collaborative BIM surrounding. Lumion presentation (optional).

#### **Programme lecturers:**

- Gianmarco Ćurčić Baldini, dia. (CEO of Baldinistudio d.o.o. Zagreb)
- Tibor Maričević, mag.ing.aedif (BIM trainer & Allplan specialist – Baldinistudio d.o.o. Zagreb)