



1ST

# BIM-iss

*BIM - International Summer School*

**Learn How to Build the Future**

in a comprehensive training that prepares you to successfully face any architectural/engineering challenge, conducted by ALLBIM.net trainers

and by professors from the

Faculty of Civil Engineering and Building Services

Training fees:

- ▶ 125 Euro - Bachelor, Master and PhD students; professors
- ▶ 250 Euro - architects; engineers

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📍 "Gheorghe Asachi" Technical University of Iasi, Romania

2018

1-13

07

[www.iss.ci.tuiasi.ro](http://www.iss.ci.tuiasi.ro)

Event organizers:

**ALLBIM.net**  
software · consultancy · support



Event partners:



Softwares:

ALLPLAN  
ARCHITECTURE

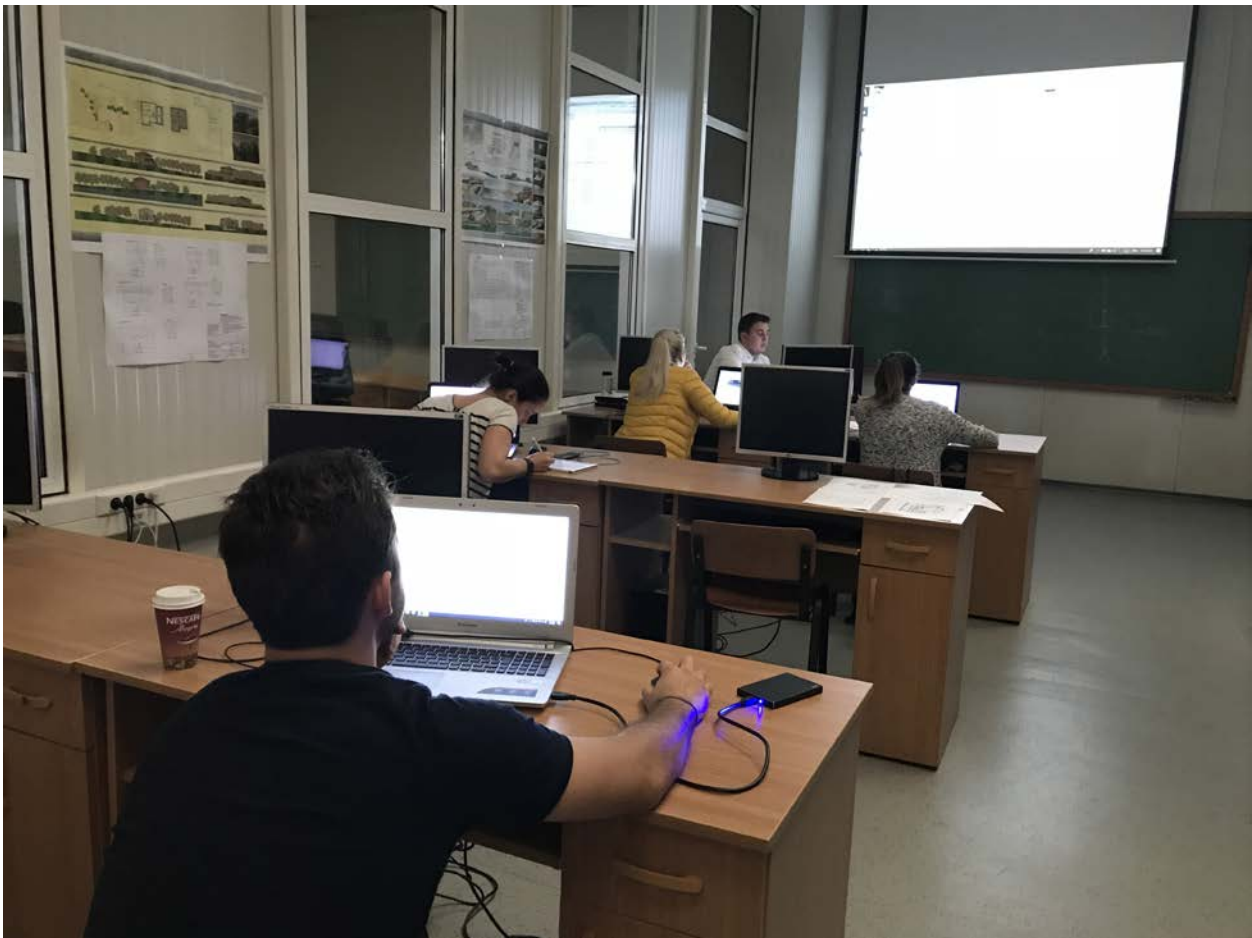
ALLPLAN  
ENGINEERING

SCIAENGINEER

1 – 13 July 2018

Between July 1<sup>st</sup> – 13<sup>th</sup>, 2018, the first BIM-iss Summer School, organized by ALLBim Romania and the Academic Building Society "Anton Şesan", took place at the Faculty of Constructions and Installations in Iaşi in partnership with the Faculty of Constructions and Installations and Faculty of Architecture "GM Cantacuzino".

Summer School aims to initiate students, young designers and researchers to use modern design and drawing tools. For this, Allplan and Scia, the program from the Nemetchek package, were handed over. They are part of the Building Information Modeling (BIM) concept that is gaining ground in the world and aims to integrate on a common platform all those involved in the design and execution of a construction project.



There were eight students, young people willing to develop and evolve professionally. Some of them are students of our faculty, but also a student from the Faculty of Civil Engineering in Brno, the Czech Republic and a participant in the economic environment, with a 10 years experience in designing.



During the first week of the summer school, the participants received information on the definition of the BIM concept and the benefits it introduces into the project design and execution process. Subsequently, the Allplan 2D and 3D drawing program was handed over. The participants learned to model a structure, to list an extract of useful materials for an antecedent, but also gained advanced level of knowledge about the insertion and calculation of reinforcements in a reinforced concrete structure and plotting of planes for plotting. In the second week, Scia's structural calculation program was completed. Different layout configurations have been studied to arrive at a complex metal structure. For this, loadings, combinations, structural calculations were applied and intensive discussions were conducted on engineering reports and interpretation of results.





The exchange of experience between instructors and trainees led to a significant evolution in knowledge so that all participants did very well in both exams at the end of each week before Allbim Romania representatives, obtaining all BASIC certificates.



As a result of graduating these courses, almost all students of our faculty hired from the next week in design or execution.

**Instructors:**

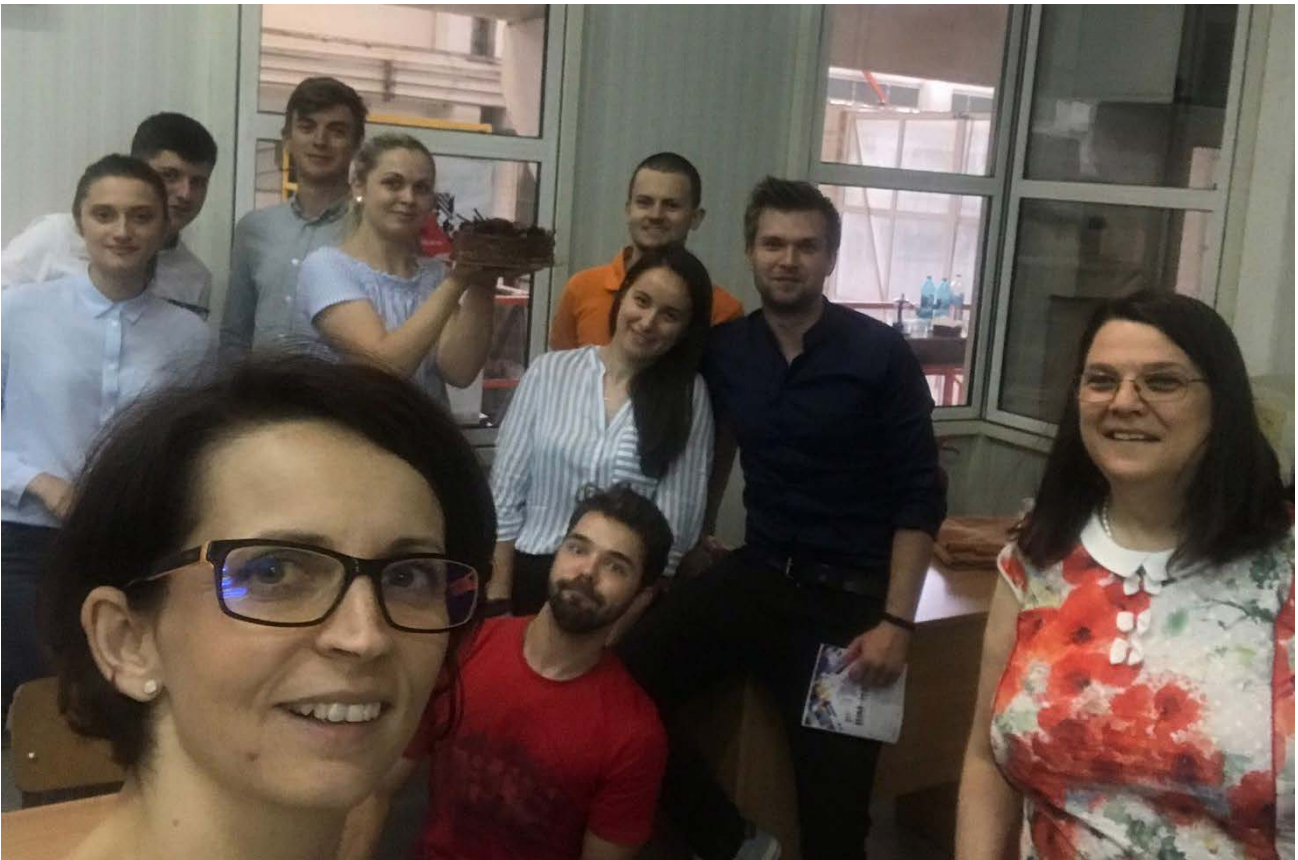
Ioana Olteanu-Donțov - Faculty of Civil Engineering and Building Services Iași

Gabriela Covatariu - Faculty of Civil Engineering and Building Services Iași

Ilie Haiduc – ALLBIM Romania

Ciprian Popa – ALLBIM Romania

Dan Moraru – ALLBIM Romania



- interacțiunea profesor - student foarte bună  
- programul flexibil și poate organiza cursul în funcție de programul studenților  
- materialele puse la dispoziție (video, pdf, etc.)

The teachers who were teaching us were always well prepared and always gave us help when we needed, whatever it was. Also I must say that all of our instructors are professionals in this field.

Punctele tari:

- coerența cursului
- modelele exemplificate
- interacțiunea profesor - student

To support the idea that BIM meaning collaboration, interaction, participants were encouraged to work in teams, but also to engage in many recreational activities that led to strong international friendship.

