

Sirenok Kyrylo

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ACADEMIC BACKGROUND

PhD STUDENT of Reinforce-Concrete and Masonry Constructions

2022-present

Prydniprovsk State Academy of Civil Engineering and Architecture, Dnipro

Theme of research: types of reinforcement of concrete structures with 3d printing technology.

MASTER IN REINFORCE-CONCRETE AND MASONRY CONSTRUCTIONS 2020-2022

Prydniprovsk State Academy of Civil Engineering and Architecture, Dnipro

Theme of final thesis: Constructive solutions of housing modules in the Month.

BACHELOR IN REINFORCE-CONCRETE AND MASONRY CONSTRUCTIONS 2003-2006

Prydniprovsk State Academy of Civil Engineering and Architecture, Dnipro

WORK EXPERIENCE

ASSISTANT OF DEPARTMENT OF DESCRIPTIVE GEOMETRY AND GRAPHICS 2022-pres.

Prydniprovsk State Academy of Civil Engineering and Architecture

PROFESSIONAL EXPERTISE:

SCIENTIFIC EXPERIENCE

RESEARCH INTERESTS:

BIM and Artificial Intelligence approaches in energy efficient building design

Sustainable design with BIM

BIM technologies

Computer modeling

3-D printing

constructive solutions of housing modules in the Month

PUBLICATIONS:

Author has 9 scientific works published in Ukraine and abroad including:

1. BIM energy analysis of a house with double windows / Sopilniak A.M., Kolokhov V.V., Yarova T.P., Sereda S.Yu., Sirenok K.O., Dunda V.V. // Ukrainian Journal of Construction and Architecture. - D.: PDABA, 2021. - No. 3. - P. 107-115. URL: <http://uajcea.pgasa.dp.ua/article/view/239180/237670>

2. Перспективи розвитку трансферу ВІМ технологій у будівництві[Perspektivu rozvytku transferu BIM tekhnolohii u budivnytstvi]/Бабенко В.А., Сіренко К.О.// Питання інтелектуальної власності у сфері трансферу технологій: збірн. наук. прац. ІV Всеукр. наук.-практ. конф.-семін. з пробл. екон. інтел. власн., 21 травн. 2021р., Київ : Науково-дослідний інститут інтелектуальної власності НАПрН України, 2021. С.47-58

LINGUISTIC COMPETENCIES

- Ukrainian (native speaker)
- Russian (native speaker)
- English (advanced)

OTHER

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