



ON THE CLOUD

1. Workshop Instructor Information

Name	MOSTAFA KHALIFA *₁ ALY MAGDY *₂
Organization/Affiliation	<p>1 Faculty of Architecture, Design and Built Environment Beirut Arab University – LEBANON</p> <p>2 The American University in Cairo – EGYPT</p>
Email	m.khalifa@bau.edu.lb
Short Biography (150 words max.)	<p>MOSTAFA KHALIFA, Assistant Professor, Beirut Arab University – LEBANON</p> <p>Assistant professor at Faculty of Architecture, Design and Built Environment - Beirut Arab University – Lebanon, PhD by SAS-UNICAM-Italy in 2013, The Curator & commissioner of the Egyptian Pavilion in the international Biennale of Architecture in Venice 2021. Instructor of parametric design and Algorithmic generative Architecture in Rome Summer School since 2016 organized by Algorithm in collaboration with Faculty of Engineering at Sapienza University of Rome</p> <p>ALY MAGDY, Assistant Lecturer, The American University in Cairo – EGYPT</p> <p>Architect, Erasmus plus scholarship awardee for his masters in parametric design at Staffordshire University in UK with collaboration of Alexandria University in Egypt, researcher and teaching assistant at American university in Cairo. Additional to his participation with AA Visiting School in Madrid 2013, Also he has involved with Algorithm as an assistant to join Rome summer schools 2016 and 2017. He has also the opportunity to introduce the parametric design to public at TedxYouth@Alexandria in 2017.</p>

HYBRID SPACES OF THE METAVERSE

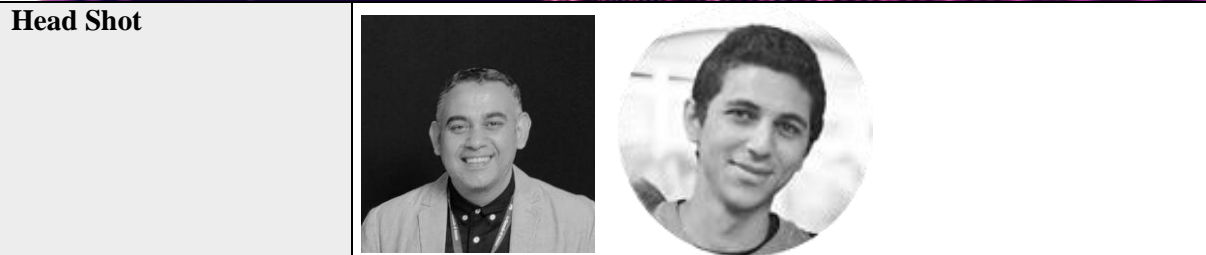
Architecture in the Age of the Metaverse
Opportunities and Potentials

Debbieh, Lebanon
October 12-14, 2022
Hybrid Conference

جامعة بيروت العربية
BEIRUT ARAB UNIVERSITY


ASCAAD 2022

10TH International Conference of the Arab Society
for Computation in Architecture, Art and Design



2. Workshop Information

Length	Duration: 4 hours (Online) proposed date: 11th of October 2022 Expected Number of Participants: 24 to 36 participant
Short Abstract (250 words max.)	<ul style="list-style-type: none"> Aims & Objectives: the workshop aims to provide participants with computational parametric tool makes the able to represent a real-time moveable objects such as a Cloud into a digital parametric modeling using Video capturing and projecting tools in Grasshopper 3D Tools: Rhino3D- Grasshopper3D – Firefly plugin Program: <ul style="list-style-type: none"> introduction & tutorials on digital geometrical abstraction of real time physical projects such as (The Cloud). tutorials on image and video capturing tools in Grasshopper using firefly plugin the initial abstraction design of the digital cloud will be designed by the participants. tutorials on digital projection techniques of real-time video capturing on the Digital Cloud
Handouts and Materials	- Firfly-blugin manual Pdf
Learning Objectives	- Parametric design advanced - Parametric Image sampling - Real-time video sampling interaction - Digital modelling
Sample Outcome	Digital META-CLOUD object designed by workshop participants with video real-time interaction projection on the digital cloud

	
Corresponding Conference Theme	<p>Please select one or more conference themes that your workshop matches:</p> <p>(A) Artificial Intelligence. (B) Information Management. (C) Parametric Design and Digital Fabrication. (D) <u>Virtual Environments and Emerging Realities.</u> (E) Computational Design Theory. (F) Hybrid Cities.</p>

3. Attendees Information

Who should attend this workshop?	The workshop is open to current Art, architecture and design students, masters, PhD candidates and young professionals.
Prerequisites	Basic knowledge needed of 2D and 3D modeling software. Basic knowledge of Grasshopper3D software is requested

4. Submitting your Proposal

Workshop proposal submissions should be sent to [conference@ascaad.org] in Word format by **August 12, 2022.**