



كلية الهندسة
College of Engineering
QATAR UNIVERSITY جامعة قطر

al-Imara العمارة

Newsletter of the Department of Architecture and Urban Planning

<http://www.qu.edu.qa/engineering/academics/architecture>

Volume 2, Issue 2 | Spring 2019

10th Architecture Day at QU

The Tenth Annual Architecture Day at Qatar University will occur on Thursday, 18 April 2019 in the Main Atrium of the Women's Engineering Building. This year's theme will be "BLACK, WHITE, ARCHITECTURE" including an exhibition to highlight some of the best work by our students over the last year and events featuring faculty, guests, and your new QU-AIAS leadership team (see related stories on pages 3, 5, and the back page of this issue).



The Department of Architecture and Urban Planning, College of Engineering at Qatar University hosts an annual Architecture Day event in the Spring semester of every academic year. Architecture Day is both a celebration and showcase of our students, our department, and our profession. It is an open day for the department where students get to interact with each other across batches, receive praise from colleagues about their studio projects, and participate in the infectious energy of various programs held during the event. It is also an opportunity for our students to interact with members of the larger CENG community and architecture profession in Qatar. Several architecture practitioners from prestigious firms participate in Architecture Day so they can meet our students, witness their achievements, and appreciate their unique perspective about the challenges for architecture in the 21st century. Architecture Day includes an exhibit of student work on various courses across

all years, interactive programs/presentations, and lively forum discussions. The focus of Architecture Day is always our students, displaying their talents and skills, their outstanding design projects, and promoting their role in the architecture profession of today and for tomorrow. DAUP and QU-AIAS are organizing this year's edition around the theme of "BLACK, WHITE, ARCHITECTURE" to feature universal truths about the built environment as one of the most important endeavors in human history. Exhibited works and activities on the day will revolve these universal truths. Announcements will be made soon about the detailed agenda for the 10th Architecture Day (see flyer/logo designed by Lulwa Abdulrahman Al-Noaimi in this issue).

DAUP and QU-AIAS are eager to build on the tremendous success of the 9th Annual Architecture Day held last year on 10 May 2018 (see last year's exhibition below). We look forward to seeing you at the 10th Annual Architecture Day. Save the date: Thursday, 18 April 2019!



From the Head of Department



Welcome back to another promising semester for our DAUP! I hope the break was restful and enjoyable. This is the fourth issue of *al-Imara* and we look forward to receiving more positive feedback as we have heard

about past issues. We will start by recapping some of the excellent accomplishments and latest news occurring during the Fall 2018 semester. Do not forget about our upcoming 10th Annual Architectural Day, which we will host on Thursday, 18 April 2019, in the Main Atrium of QU Women's Engineering. We will enjoy more amazing Senior Projects and we wish the seniors the best of luck in their pursuit of the AEB Architectural Excellence Award in its 2019 edition. Another great news is that we are launching the DAUP Architecture 4.0 Symposium and Exhibition series. The inaugural symposium is planned for the 3 April 2019 focusing on Digitizing Heritage topic and the ARCHEOMED3D Exhibition with the support of the Italian Embassy and UNESCO Office in Doha, Qatar. I would like also to welcome and congratulate the new QU-AIAS officers and representatives including President Maryam Alnuami, who we feature in this issue of *al-Imara*. Thank you to Maryam Alkuwari and Aisha Al-Sulaiti for their leadership over the past year. Finally, there is more interesting news about architecture, our students, and DAUP activities and events in this issue. We look forward to bringing you the best of the DAUP in *al-Imara*.

Dr. Fodil Fadli
15 February 2019



Dr. Fodil Fadli speaks at *(Re)Inventing the Public Space: Panel Discussion at the Museum of Islamic Art on 5 December 2019*.

ABOUT THIS ISSUE OF AL-IMARA From the Editor



Welcome back! It has been a nice midterm break. I hope it was relaxing and well spent by all. *al-Imara* is back with exciting new stories! We are sharing news about many upcoming events, what

happened over in Fall 2018, and the date for the 10th Annual Architectural Day. We are also waiting with anticipation for new senior projects and wish them the best of luck! We would like to welcome and offer our congratulations to the new QU-AIAS officers/representatives as well as thank former leadership for their outstanding efforts to make QU-AIAS into one of the largest, most active non-USA chapters in the world. There are many interesting and informative topics about architecture and our students in this edition of *al-Imara*. Sit back and enjoy!

Architect Reham A. Qawasmeh
15 February 2019

al-Imara العمارة

Newsletter of the

Department of Architecture and Urban Planning

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WORDS OF WISDOM

“If you’re going to be thinking anyway, you might as well think big.”
- Rem Koolhaas

UPCOMING EVENTS

NPRP12 Grant Application Deadline
12 Noon, Tuesday, 26 March 2019

Architecture 4.0 Symposium
ArcheoMed 3D Exhibition: Reviving Ancient Heritage Sites Through Virtual Reality
12 Noon, Monday, 3 April 2019

AEB Architecture Excellence Prize
DEADLINE
12 Noon, Friday, 5 April 2019

10TH ANNUAL ARCHITECTURE DAY
“BLACK, WHITE, ARCHITECTURE”
Thursday, 18 April 2019

Last Day of the Spring Semester Classes
Thursday, 2 May 2019

Ramadan
Sunday, 5 May 2019 – Tuesday, 4 June 2019

Final Exam Period
Sunday, 5 May 2019 – Thursday, 16 May 2019

End of the Spring Semester
Thursday, 16 May 2019

Stay tuned for more event announcements!



Reham Qawasmeh speaks to future DAUP students during Engineering Week at the QU Events & Sports Complex in February 2019.

THREE QUESTIONS

New QU-AIAS President Maryam Al-Nuaimi

QU-AIAS elected new officers and batch representatives at the start of the year. Out new QU-AIAS President Maryam Nasser A J Al-Nuaimi answers 3 questions so you can get to know her better.



Who is your role model as an architecture student?

As an architecture student, many architects serve as a role model to me such as Le Corbusier, Mies Van Der Rohe, Rem Koolhaas, and Arata Isozaki. So I wouldn't limit myself to having one role model. Seeing these architects achieve something great in such a hard career is inspiring to me. It gives me hope that I can someday do the same as well.

How is your experience as a student at Qatar university?

Architecture is a difficult major to pursue. Many long and tiring hours in studio, Sleepless nights looking at a screen and trying to come up with the correct way to approach the task. However, as exhausting as majoring in architecture is, it is also the best and most interesting time of my life. I get to spend time with my colleagues whom all have their different designing languages and approaches. We all learn from and help each other out. Our professors lend us a hand too and try to guide us to the right path so it is a nice atmosphere to work in overall.

What are you passionate about?

I am passionate about growing my architectural knowledge to become a good designer. Hoping that one day when our professors mention famous architects like Frank Lloyd Wright, my name will also be mentioned so I could serve as a role model for inspiring architecture students.

TEACHING FOCUS

AEB Architecture Excellence Award

We are pleased to announce the 2019 AEB Architecture Excellence Award at the Department of Architecture and Urban Planning, College of Engineering at Qatar University. Senior Maryam Aljufairi's Baraha Women and Community Hub won the inaugural award in 2018.

AEB' and DAUP are pleased to invite senior students of the Department of Architecture and Urban Planning to register and submit their design projects for the 2019 AEB Architectural Award. AEB aims to recognize the excellence in design and education displaying exceptional approaches to architectural design. Further, our goal is to promote and share architectural experience and knowledge among young architects and academics. We celebrate those who push boundaries and set new standards. AEB recognizes that excellence in architecture goes far beyond practical buildings. The award was instituted by Arc. Ibrahim Jaidah to encourage and assist graduating students as they begin their careers as professional architects in Qatar. Jaidah

is recognized as a pioneer of a new architectural movement combining the far-reaching influences of Islamic art with modern styles to create memorable landmark structures shaping the State of Qatar. We believe that great architecture is about creating long-lasting designs that will remain for generations while inspiring people and enriching their lives. Innovative buildings, designs, and landscapes can help reform the way we live our lives for the better and enable us to make the most of the space we have. This award recognizes exceptional architectural innovation of young architects in Qatar. All senior students of the Department of Architecture and Urban planning in Qatar University are eligible to submit their projects for the competition. All entries will be reviewed by an independent jury that will select the winners, which will be announced at the 10th Annual Architecture Day in the Main Atrium of the QU Women's Engineering Building on 18 April 2019. Even now, our seniors are feverishly working to win this year's award.

Good luck, Seniors!

ARCT 311 Visits Old Palm Tree Island

Dr. Hatem Ibrahim and the teaching team of Architectural Design Studio 4 organized a site visit on 15 January 2019 to the Old Palm Tree Island. The students of ARCT 311 are developing a Revolving & Walking Experience Resort in a plot area of 5,800 sqm of the island. The proposed resort means to support one of the Qatar iconic projects that attract local/international tourism. Activities in the resort include tourism information, gallery, souvenir shop, restaurant, different chalets typologies, and a camping area. The project promotes a new tourist destination along the most popular Doha Bay to support sustainable tourism development in the entire area. The aesthetic and technological solutions require future innovation and accounting for local architectural traditions, use of native building materials, and application of historic elements. The resort will easily blend into the landscape as well as make the most of the setting by incorporating key features of the environment such as views or

access, efficient energy use, use of innovation and technology such as interactive maps, visualization tools, responsive walking experiences along elements, and so on as required design criteria. The project introduces a dynamic interaction with the surroundings and significant landmarks of Doha. Unlike a traditional static structure, the entire form of the building can be updated and optimized throughout the day to adapt to the surroundings, which is achieved through the use of some form of movable or 'dynamic' structure.



STUDENT FOCUS

QU-AIAS Elects New Officers and Batch Reps

by Dr. Mark David Major, AICP, CNU-A

In January 2019, the governing board of the Qatar University chapter of the American Institute of Architecture Students (QU-AIAS) elected new officers and batch representatives because of the imminent departure of President Maryam Alkuwari and Vice President Aisha Al-Sulaiti, who are both nearing the completion of their Senior Project. During the one year that Maryam and Aisha led QU-AIAS, they successfully relaunched our student association into one of the largest, most active non-USA chapters in the world. While their leadership will be sorely missed, we have tremendous confidence in our new QU-AIAS leadership. Our department and students look forward to the ever-onward march of the student association over the next couple of years.

By unanimous consent, the QU-AIAS Board nominated and elected third-year student Maryam Al-Nuaimi as the new chapter President (see the profile about Maryam in this issue of *al-Imara* on page 3). Maryam served as the chapter Secretary over the last year. Fourth-year student Alreem Alemadi was elected as the new chapter Vice President after serving the previous year as the Treasurer. Shaika Al-Thani was elected as the new chapter Treasurer. She had previously served as the representative for the current second-year batch. Fatima AlHajri takes over Shaikha's previous duties as the Second

Year Batch Representative. Moza Al-Obaidan was elected chapter Secretary after previously serving as the representative for the current third-year batch. Rowaida Elnahas assumes Moza's duties as the new Third Year Batch Representative. Bashayer Al Naimi was elected as the First Year Batch Representative.

"Our department and students will be forever grateful to Maryam and Aisha for their accomplishments leading QU-AIAS over the last year," said QU-AIAS Faculty Mentor, Dr. Mark David Major. He added, "But I know Maryam and Aisha are as excited as I am to see a new group (especially third- and second-year students) emerge to take ownership of the student association and lead QU-AIAS into the foreseeable future."

On Monday, 18 February, QU-AIAS President Maryam Al-Nuaimi had the first meeting of the student association to assigned various committee duties for events, design, media, public relations, and the AIAS Freedom by Design initiative. If you would like to contribute your time to QU-AIAS, please contact any of the officers or your student batch representative. The first week after Spring Vacation (10-14 March 2019), QU-AIAS held their annual Spring Membership Drive for new and renewal memberships. If you missed it, see the back page of *al-Imara* to learn more about QU-AIAS and how to become a member today!



QU-AIAS President Maryam Al-Nuaimi speaks during the first meeting of new chapter leadership during the Spring 2019 semester. (Image: QU-AIAS/Afrah Abdulkarem Al-Housaly).



DAUP students, Dr. Raffaello Furlan, and Dr. Mark David Major run into European architect Rem Koolhaas at the Fire Station on 7 December 2019 in Doha, Qatar

SEMINAR NEWS

Tall Buildings Topology Optimization

by Dr. Fodil Fadli

A final research seminar and workshop were conducted under the topic of 'Tall Buildings Topology Optimization; From Computation to Fabrication's' on 29 November 2018 at Qatar University as part of the NPRP Project Number 07-1518-2-549. It was led by DAUP Head Dr. Fodil Fadli (LPI, TopOpt Research) and developed an exploration about the simultaneous effect of engineering considerations, architectural design, and geometrical/form composition when put together for multidisciplinary and complex issues. It emphasized that structural elements should be embedded into architectural design from inception to completion. This integration is smoothly operative for some types of buildings such as tall buildings. The main aim of the seminar was to provide of the development of computational environments to enable optimized fabrication, construction, and operation. A computational



platform has the potential to becoming an innovative method of design thinking in the architectural process. The workshop was dedicated to the Grasshopper plug-ins operated under Rhino used for these types of interdisciplinary considerations and parameters while Karamba3D 1.3.0 WIP was used for structural analysis. Karamba3D is a Finite Element program (Plug-in) like many other structural software operated on Grasshopper. The main aim was customized for [future] architects and engineers in the design process from the earlier inception stages. CENG Dean Professor Abdelmagid Hammuda, CENG Associate Dean for Research and Graduate Studies Dr. Abbas Amira as well as QNRF ICT Program Manager Dr. Ahmed Rebai and collaborators from the industry and academia, researchers and students enjoyed attending this innovative seminar. A workshop was offered by the TopOpt research team members in the afternoon to DAUP students in using Rhino-Grasshopper environment to enable them develop their computational design skills.



CONFERENCE NEWS

Game Set Match IV Qatar

by Professor Kasper Oosterhuis

The Game Set and Match IV Qatar [GSM4Q] conference occurred on 6-7 February 2019 at the QU Main Library based on a theme of "Connecting People, Spaces and Machines" with the sub-theme 'The Informed Nomadic Monad.' It covered a variety of specific, connected topics like Nomadic Swarms, Nomadic Cities, Robotic Buildings, Informed Materials, Monads and Nomads, Scalable Interactions.



Keynote speakers covered these topics challenged by hands-on workshops. GSM4Q conference topics were structured based on the scalability of the connections between constituting monadic components. Leading themes for sessions were 1] Informed Nomadic Swarms, 2] Nomadic Cities and Buildings, 3] Monads and Nomads, and 4] Scalable Interaction. Day 1 was dedicated to the notion of the Nomad with Day 2 dealing with the notion of the Monad. The 2-day conference framed four discrete

sessions, a Day 1 morning session structured around the theme of the Universe and an afternoon session dealt with Community and City. The Day 2 morning session addressed the Body and afternoon closing session covered the Cell.

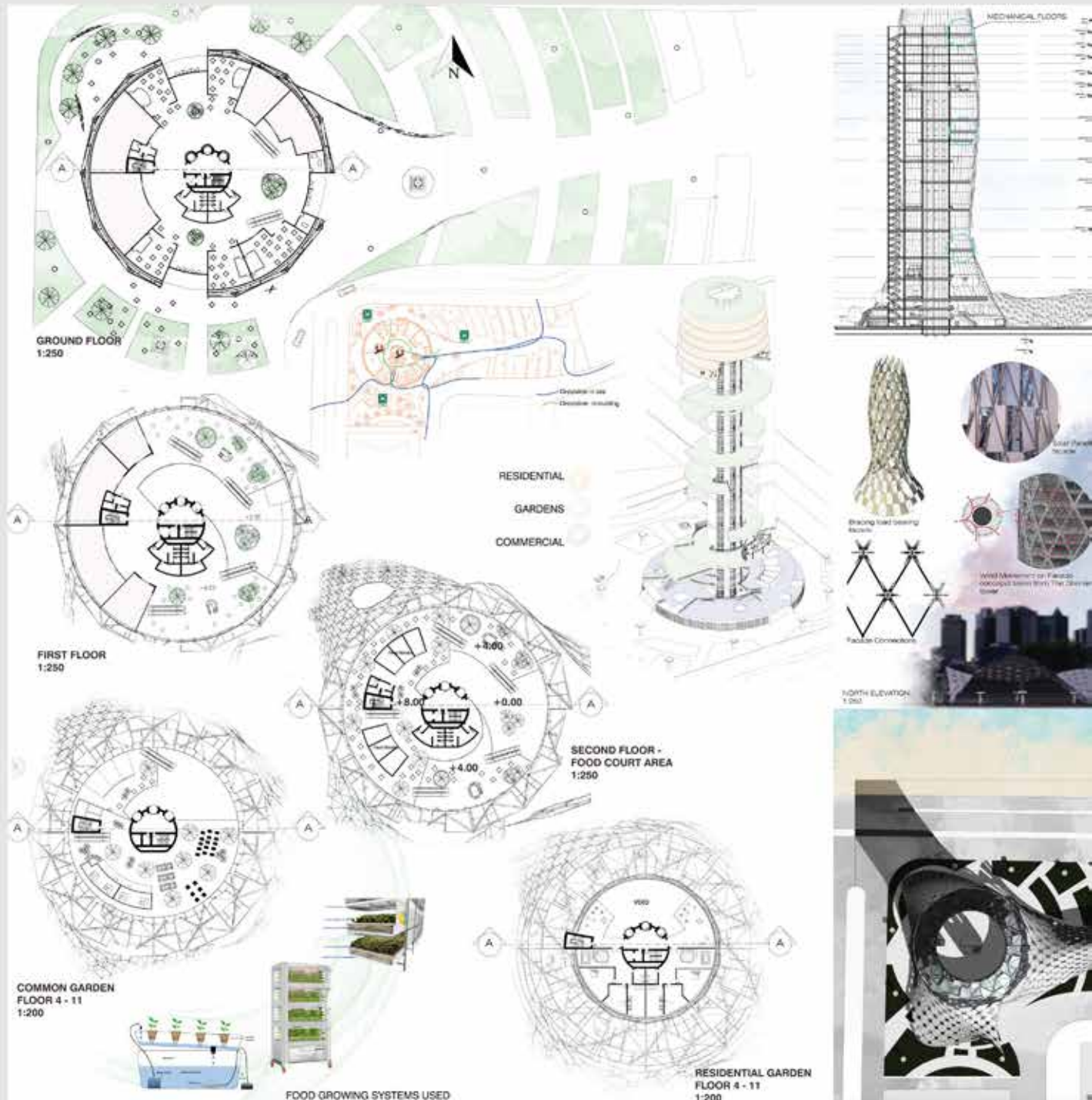
The GSM4Q conference was well-attended. Besides the more than 20 active participating speakers, we welcomed an audience of some 60-80 people. Besides speakers, staff, and students, the Industry was well represented with a dozen or more attendees during the 2 days of the conference. People had a very good time. Without hesitation, it was appreciated by all of the visitors as a high-value time. After a lively discussion, Professor Kas Oosterhuis said a few closing words but kept it short as possible using the following one-liner [after a fierce exchange of opinionated positions by an optimist Philippe Morel and a more pessimist Philippe Block]: "Thank you Philippe for making us feel bad, thank you Philippe for making us feel good, thank you all". Then we took off - deeply satisfied after a meaningful conference - to have a group photo and head for the speaker's dinner in Souq Waqif.



PROJECT FEATURE: ARCT 410-ARCHITECTURAL DESIGN STUDIO 5

Lames Alsalahi's Vertical Gardens Pro

Summary - The Vertical Gardens Project combines the concept of vertical farms and public gardens in one space where The involvement of individuals in the concept of agriculture also increases the awareness of indoor agriculture and sus healthy space suitable for people, integrate buildings and urban spaces with nature to create balance, and improve the represents the two elements of nature where the leaves are closed and stand firmly on the leg, and the water element c



ject

...e all members of society engage in various activities at once, which improves the social environment for the society. Sustainability which will improve the lifestyle in the long term. The objective of the project is to create a comfortable and social environment. The concept is a combination of plant bud in the pre-blooming stage and sea waves. The tower connecting the tower to the site.



QU Celebrates MIA's 10th Anniversary

The Department of Architecture and Urban Planning (DAUP) at Qatar University, College of Engineering (QU-CENG) celebrated the 10th anniversary of the Museum of Islamic Art (MIA).

The event included research studies and projects done by the students and faculty members that are related to MIA. The work of DAUP students included many research studies and projects related to the MIA, which are in line with Qatar's future vision 2030 and depend on the economic, social, environmental and human dimensions.

Commenting on the event, Prof. Hamouda said, "The ceremony and the exhibition of the students' projects reflect the influence of art on their designs, which reflects the mission of the Museum of Islamic Art as a center of knowledge and inspiration that enlightens the world of Islamic art overpassing all the historical barriers". Projects presented indicates how CENG's students and faculty members demand creativity, innovation and quality in its outputs, which falls in line with the Qatar National Vision 2030. Moreover, displaying the projects to

the public allows the college to improve the quality and content of projects. Dr. Fodil Fadli, Head of DAUP said: "This event is unique to us as a department since it involves faculty members and students showcasing the best projects related to the Museum of Islamic Art".

Dr. Fadli emphasized that the students' projects and designs represent solutions that take into account sustainability, cultural and social aspects in a local context in line with Qatar National Vision 2030.



CENG Dean Professor Hamouda speaks during the QU MIA 10th Anniversary Celebration event at Qatar University.



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المكتب العربي للهندسة
Arab Engineering Bureau

The Department of Architecture and Urban Planning

is pleased to announce the launch of

AEB Architecture Excellence Award

2019 Edition

Sponsor: Arab Engineering Bureau (AEB)

Submission is now open

Closing date: 5th April 2019

For more details please refer to the terms of reference

ARCHITECTURE, ARTS AND DESIGN

(Re)Inventing the Public Space

As part of Qatar British Festival 2018, The British Council in partnership with Qatar University College of Engineering (CENG) hosted a panel discussion on 11 November 2018 at the Museum of Islamic Art

The panel was chaired by Dr. Fodil Fadli, Head of Department of Architecture and Urban Planning, at Qatar University. Also joining the panel were Engineer Bronwyn Rigney, Principle Urban and Regional Planner, Arcadis, Professor Ali A. Alraouf Professor of Architecture and Urban Theories, Ministry of Municipality and Environment, and Victoria Pratt, Creative Director, Invisible Flock. The speakers explored ideas, concepts and theories in unfolding hidden thoughts about the role of Architecture, Arts, and Design in re-inventing the public space and creating a dynamic, engaging and healthy environment for the community. QU CENG Dean Professor Abdelmagid Hammuda said: "This collaboration highlights CENG's commitment to developing partnerships with private and government

organizations with the aim to invest in research and development in coordination with partners. Community engagement stands at the heart of CENG's mission and through our cooperation with British Council, we are demonstrating the breadth of initiatives and projects at college and institution levels that serve to reinforce our links with the society".

Sam Ayton, Director of the British Council in Qatar said, "We are delighted to collaborate with Qatar University as part of our ambition to harness the power of arts to make cities more open, dynamic and inclusive. Having art in public spaces improves a city in so many ways, encouraging interaction, participation and connections between communities." The panel discussion was supported by the strategic education partner Qatar University College of Engineering, Ministry of Municipality and Environment, Qatar Museums, Invisible Flock, Arcadis, Qatar Financial Centre.



THE DEPARTMENT OF ARCHITECTURE AND URBAN PLANNING
cordially invites you to the

ARCHITECTURE 4.0

Symposia & Exhibition series

DIGITIZING HERITAGE 2019 SYMPOSIUM & ArcheoMed 3D Exhibition

Supported by

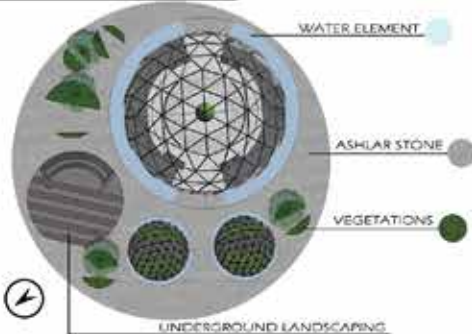
UNESCO office and the Embassy of Italy in Doha

Opening ceremony WED 3rd of April 2019
Venue: College of Engineering, Building C07, Ground Floor, Main Hall, Female Campus

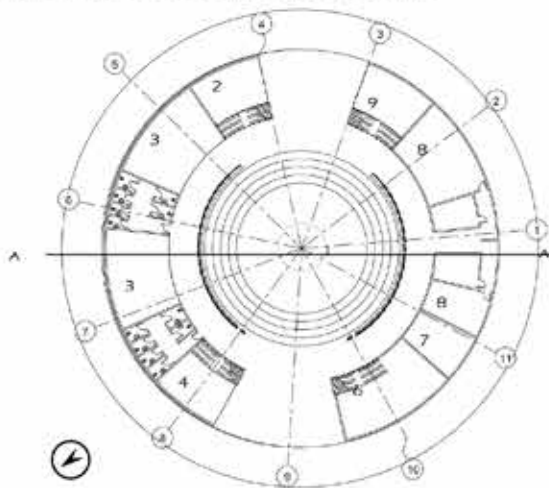
STUDENT WORK: ARCT 310-ARCHITECTURAL DESIGN STUDIO 3

Saaeda Al-Bader's World Cup 2022 Darkom Center

SITE DESIGN (1:500)



GROUND FLOOR PLAN (1:200)

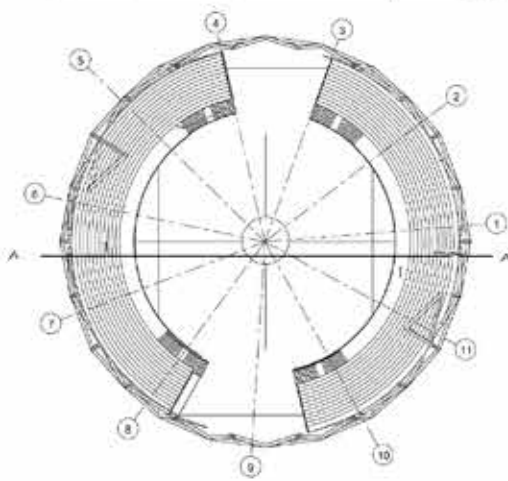


ELEVATION (1:200)

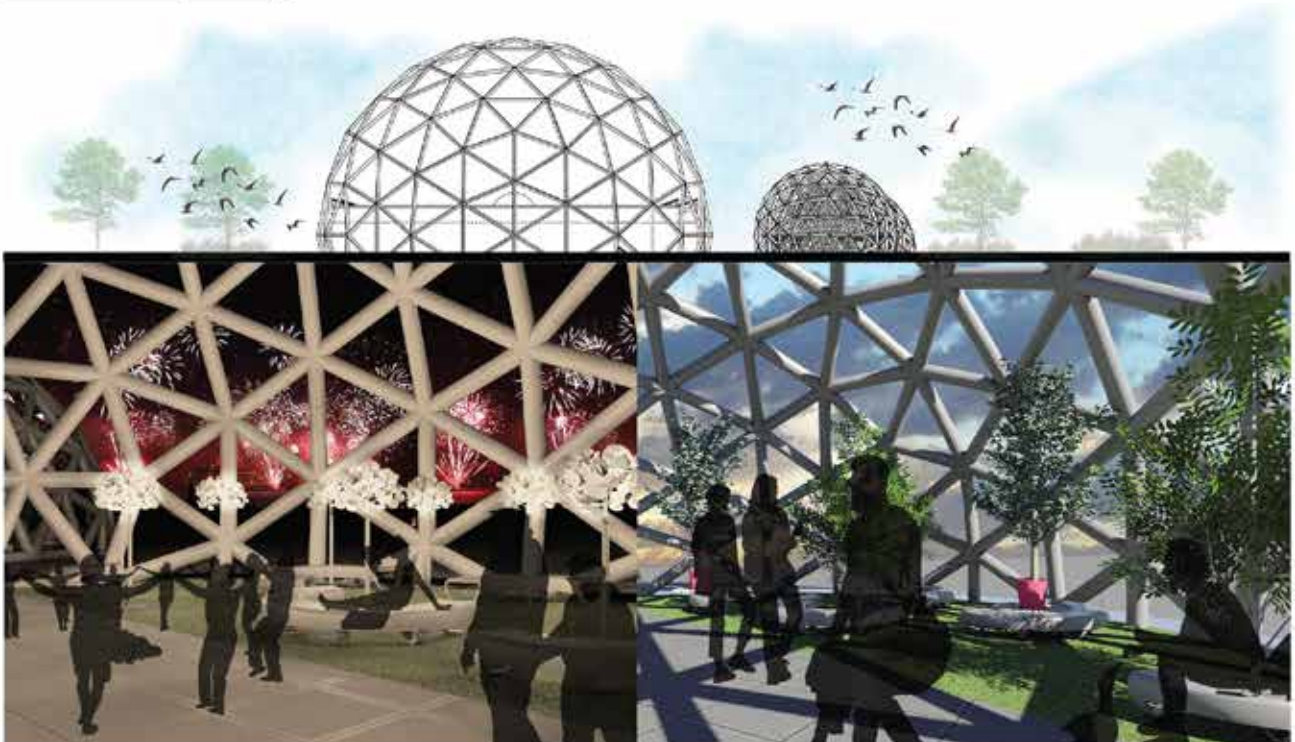
SITE PLAN (1:2000)



SECOND FLOOR PLAN (1:200)



- Legend
- 1- Fan-Zone
 - 2- Gift shop
 - 3- Restaurant
 - 4- Chill room
 - 5- bathroom
 - 6- offices
 - 7- storage
 - 8- praying room
 - 9- coffee shop



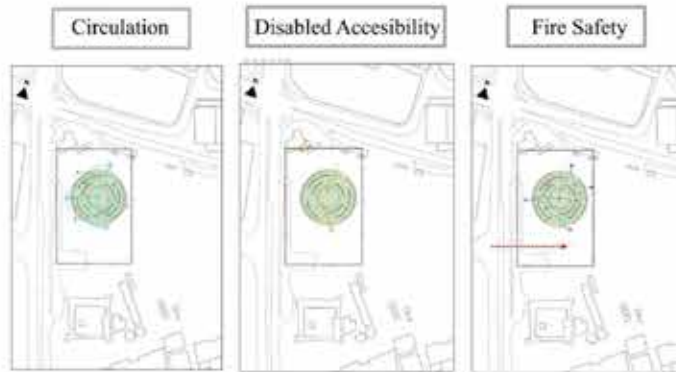
STUDENT WORK: ARCT 210-ARCHITECTURAL DESIGN STUDIO 1

Doha Elsaman's Architecture Pavilion for Souq Waqif Plaza

● Site Plan



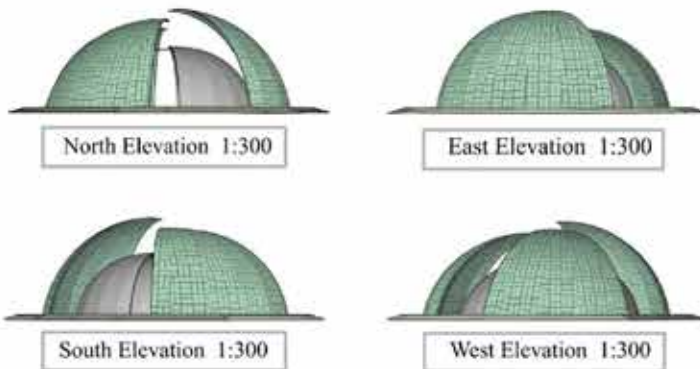
● Site Diagrams



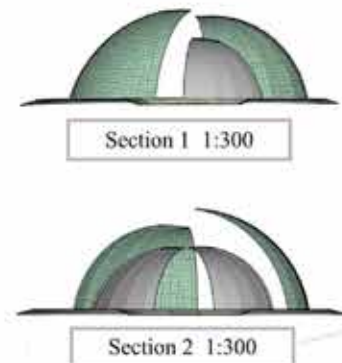
● Materials

- Polished Concrete
- Skin Fabricated coat (Basketweave Pattern)
- Metal Frame

● Elevations



● Sections



● Exetrior and Interior 3D Views



PHOTOGRAPHIC FEATURE | ARCHITECTURE IN FOCUS

Curving Light and Shadow at The Qatar Faculty of Islamic Studies

MANGERA YVARS ARCHITECTS



As entrancing as it is visually, the... Qatar Faculty of Islamic Studies becomes even more captivating as you discover it through a process of continuous learning and enlightenment, encoded in every physical and spatial aspect of it. Mangera Yvars' building – opened in 2015 – could easily be regarded as one of the most socially eloquent, culturally erudite and design innovative structures in Qatar... (There is a) holistic interplay of pure surfaces, morphed patterns and natural elements achieve a condition of spirituality and contemplation, rather than formalism... The ablution stair is one of the most memorable experiences in the building. Here, the notions of knowledge and light spiral down a white stair, wrapped in a thin metal mesh that cascades water from the very top level into the 'four rivers of paradise' on ground level, that then continue throughout the building and spill into the 'four gardens of paradise' surrounding the entire site of the building. (Source: Excerpts from Velina Mirincheva, *The Architectural Review*, 7 March 2017). Photography by Afrah Abdulkarem Al-Housaly.

RESEARCH FOCUS

Action Plan for Qatar National Masterplan Based on Integration of Land Use and Public Transport

by Dr. Raffaello Furlan

Qatar is making large investments in urban public transit. For example, the Doha Metro, Lusail light rail transit (LRT), and a bus rapid transit (BRT) system with over \$US 30 billion committed to the success of the 2022 FIFA World Cup. Parts of the system will be operational in 2018. However, at present, there are no research and development plans for this ambitious program. One of the key factors for long-term success (as measured by the number of vibrant, functional and economically vital precincts created) is how these new systems will integrate with land use and the extent to which they reduce traffic congestion and attract riders. The poor outcomes achieved in Dubai illustrate what happens when plans and designs for integrating transport systems and land use are not considered. Leveraging off leading international research into best practice transport-land use integration, my research seeks to work with the Ministry for Municipalities and



Lusail City Master Plan (Source: Qatar Living).

Environment (MME), Qatar Rail, and the Ministry for National Development and Statistics and to avoid past mistakes, identify preferred context-specific solutions and maximize the benefits the State of Qatar of these infrastructure investments.

The focus of this research is long-term as these are 50+ year investments. Methods will involve field investigations of GCC rail systems including metro, LRT and BRT systems, transport and land use modeling for Doha sites, urban design workshops and planning charrettes, and surveys of practitioners and urban developers. The results will include a review of best-practice, idealized futures for the Doha systems and station precincts at various scales, and improved planning and design guidance for application across GCC countries to produce better integration between rail and bus transit systems and adjacent land uses. Interaction and discussions with the stakeholders (MME, Qatar Rail and the Ministry for National Development and Statistics) about a research project of this scope and magnitude is of high priority and has the potential to offer multiple benefits to various government (and semi-government organizations) to define a strategy for the future growth of Doha through the development of a LRT/ BRT/ Metro system and the use of the land, along the public transit stations and their neighboring areas. In turn, our findings can be articulated into a mandated action plan, which can be organically integrated within the current on-progress Qatar National Masterplan.

News Bits

Dr. Raffaello Furlan was an invited panelist for the ArchaeoMed Exhibition and "Reviving Ancient Heritage Sites Through Virtual Reality" Discussion held in Msheireb Downtown Doha on 5 February 2019. **Dr. Fodil Fadli** was an invited panelist for the Architecture, Arts and Design; (Re)Inventing the Public Space: Panel Discussion hosted by the British Council as part of the 2018 British Festival events at the Museum of Islamic Art on 5 December 2019.

Architecture 4.0 Symposium and Exhibition launch on Monday, 3 April 2019 focusing on Digitizing Architecture and the ArcheoMed 3D Exhibition "Reviving Ancient Heritage Sites Through Virtual Reality" supported by the Italian Embassy and UNESCO Office in Doha. It will shed light on the impact of the 4th Industrial Revolution in architecture and new directions in related disciplines of heritage conservation, sustainable livable built environments, digital architecture, computational design, and innovative technologies in the built environment. The symposium features keynote and guest lectures delivered by local and international experts in the field.

All of us at *Al-Imara* and the DAUP wish **Dr. Madhavi Indraganti** a speedy recovery and return to work in the Department of Architecture and Urban Planning. She is missed by all of us in the Department!

About QU-AIAS

The QU-AIAS is an independent, nonprofit, student-run organization dedicated to providing unmatched progressive programs, information, and resources on issues critical to architecture and the experience of education. The AIAS aims to promote excellence in architectural education, training, and practice; to foster an appreciation of architecture and related disciplines; to enrich communities in a spirit of collaboration; and to organize students and combine their efforts to advance the art and science of architecture. Our mission is advancing leadership, design, and service among architecture students.

QU-AIAS membership supports architecture students in our department but also across the United States and academic programs around the world. QU-AIAS promote excellence in architecture education, and training. Architectural practice is constantly evolving. A large part of that evolution happens in schools. A pedagogy that promotes experimentation and exploration above all. AIAS



members understand their role in the profession as leaders. Not the future of the profession but the now. Programs like Freedom by Design, CRIT and Grassroots mentorship empower students to own that role. We foster an appreciation of architecture, design and related disciplines in departmental events, annual gatherings, and regional conferences, providing students with the opportunity to learn about the issues facing our world, to meet students and professionals with common interests, and to interact with some of today's leading architects and designers.

QU-AIAS enrich communities in a spirit of collaboration through the Freedom by Design™ program and other community outreach, we are

empower our members and students as a whole to be good citizens on their campuses and in their communities. We organize students and combine their efforts to advance the art and policy of architecture by being the sole student voice in the collateral discussion and decision making process that include The American Institute of Architects (AIA), The Association of Collegiate Schools of Architecture (ACSA), The National Council of Architecture Registration Boards (NCARB) and The National Architectural Accrediting Board (NAAB).

Join QU-AIAS Get Involved Today!

Annual membership dues are \$60. You can join the QU-AIAS online at <http://www.aias.org/membership/#join>. Follow us on Instagram @aias_qu.

YOUR QU-AIAS LEADERSHIP TEAM

President	Maryam Al-Nuaimi
Vice President	Alreem Al-Emadi
Secretary	Moza Al-Obaidan
Treasurer	Shaikha Al-Thani
Board of Directors	
Graduate Rep.	Fatima Shubbar
Senior Rep.	Nancy Makhoul
Fourth Year Rep.	Afrah Al-Housaly
Third Year Rep.	Rowaida Elnahhas
Second Year Rep.	Fatima Al Hajri
First Year Rep.	Bashayer Al Naimi
Past President	Maryam Alkuwari



B. Arch Program NAAB SE Since June 2018

2019 AEB Architecture Prize Guidelines



Department of Architecture & Urban Planning

AEB Architecture Excellence Award – 2019 Edition

Sponsor: **Arab Engineering Bureau (AEB)**

AEB Group CEO and Chief Architect Ibrahim Mohamed Jaidah, and Dr. Fodil Fadli; Head of the Department of Architecture & Urban Planning [DAUP] at the College of Engineering Qatar University are pleased to invite DAUP senior students to submit their related design projects for the 2nd Edition of **AEB Architecture Excellence Award 2019**.

AEB aims to recognize the excellence in design and education displaying exceptional approaches to architectural design. Further, our goal is to promote and share architectural experience and knowledge among young architects and academics. We celebrate those who push boundaries and set new standards. AEB recognizes that excellence in architecture goes far beyond practical buildings. The award was instituted by Ar. Ibrahim Jaidah to encourage and assist graduating students as they begin their careers as professional architects in Qatar.

Jaidah is recognized as a pioneer of a new architectural movement combining the far-reaching influences of Islamic art and architecture, with modern styles to create memorable landmark structures shaping the State of Qatar. We believe that great architecture is about creating long-lasting designs that will remain for generations while inspiring people and enriching their lives. Innovative buildings, designs, and landscapes can help reform the way we live our lives for the better and enable us to make the most of the space we have.

This award recognizes exceptional architectural innovation of young architects in Qatar.

All entries will be reviewed by an independent jury that will select the winners.

Criteria of evaluation:

1. Complexity of the project;
2. Ingenuity in the communication of ideas and development of the construction documents;
3. Architectural and conceptual idea ;
4. Environmental and economic sustainability;
5. Contribution to the public realm or environment;
6. Extent of innovation and originality;
7. Use of materials and structural details; and,
8. Ability to inspire and endure as an exemplary work of architecture.

Submission deadline: Closing date for entry is 5th April 2019 at 12 Noon.

Projects will be anonymously evaluated using codes of entry. Once you have submitted your work, no changes can be done.

Eligibility:

All senior students at the Department of Architecture and Urban planning [DAUP] in the College of Engineering, Qatar University are eligible to submit their projects for the competition.

Submission Requirements:

The competition is designed to engage students in displaying their creative thinking, analysis and explanatory skills.

To help make the selection fair and rigorous, each competitor should submit two A0 boards maximum along with a design description. However, the boards solely should 'tell the story' and present the key ideas behind the idea and all other material will be considered as supplementary. Winning boards may be used for publicity purposes.

To create a better overview and focus to the jury's evaluation process of the content of submissions, students are requested to submit the materials in the following format:

- Two A0 boards to be submitted in A0 landscape format mounted on 5mm foam-board.
- A design description as a supplement to the design boards. The description should be a double-sided A4 in portrait orientation, clearly stating your individual submission number at the top of each page. A minimum of 500 words is required and should include description of the project, concept, constraints, proposed materials and method of construction, summary of the program and budget constraints if applicable, a short statement on how the building contributes to its society, and meets the principles of good architectural design. In addition, all entries will need to provide a max 500-word statement to explain how you have addressed the broader aspects of sustainability. For instance, you may wish to describe how the design choices you have made have a positive impact on energy performance, social sustainability, and resilience to climate change and whole life carbon analysis.
- All entries should be submitted both in hard copy and as digital files. Competition entrants should request for an **entry number through** competitions-daup@qu.edu.qa.
- Digital files naming convention is as follows:
(**Submission #_file name**). Example: (AEB_Comp_001_ground floor plan)
- Digital copy should be uploaded and sent in a zip file to competitions-daup@qu.edu.qa.
- The Jury must be able to interpret the quality of submission materials presented based on clarity of text, drawings, and photographs with suitable references, notes, and/or other forms of identification as required. Lack of clarity diminishes the Jury's ability to fairly compare and evaluate nominees. Also, the degree of resolution of all required aspects and details of the project is very important.

Jury members and sponsors:

The Jury appointed by the Department of Architecture and Urban Planning including one representative from AEB will select the winning Young Architects qualified for the prize and it will forward its decision to DAUP to announce the award at the 10th Architecture Day on 18th April 2019 in the Main Atrium of the QU Women's Engineering Building. The Group CEO and Chief Architect of AEB shall hand the awards to the winning students. The winners will also be offered the chance to practice at AEB as freshly graduated architects.

Name	Affiliation/Position	Brief

Awards:

1st prize: 12,000 QAR

2nd prize: 8,000 QAR

3rd prize: 5,000 QAR

Awards will be announced during the DAUP 10th Architecture Day on 18th April 2019 in the Main Atrium of the QU Women's Engineering Building. All entries will be digitally featured and showcased during the event. Only 3 winning entries will be showcased in hardcopy format.



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10TH ARCHITECTURE DAY

WOMEN ENGINEERING C07
GROUND FLOOR MAIN HALL

THURSDAY
2019-4-18
9:00 AM - 2:00 PM

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ARCHITECTURE DAY

9:30 Welcoming & Opening Remarks

9:45 Architecture Day Guest Speakers

10:30 Architecture Exhibition Opening

11:30 AEB Architecture Prize Announcement

12:00 Discussion Panel: Architectural Practice & Teaching in the 21st Century

13:30 Student Activities

14:00 10AD Lunch