### DAY 1 [Wednesday March 3, 2021]

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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
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<td>10:00</td>
<td>Opening Session</td>
<td>Host Welcoming Remarks (ARC Provost, Associate Provost, ARCH Department Chair, Conference Committee)</td>
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<td>10:15</td>
<td>Session D1.P1.01</td>
<td>Human-Computer Interaction I</td>
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<td>12:15</td>
<td>Keynote Speech</td>
<td>CHRISTIAN DERK</td>
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<td>12:30</td>
<td>Session D1.P1.02</td>
<td>Architectural Languages I</td>
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<td>14:00</td>
<td>Session D1.P1.03</td>
<td>Building Industry Innovation and Technology Driven Disruption</td>
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<td>16:00</td>
<td>Session D1.P1.04</td>
<td>Computational Enculturation I</td>
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<td>17:15</td>
<td>Session D1.P1.05</td>
<td>Technology Integration &amp; Collaboration II</td>
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### Conference Program - DAY 1 [Wednesday March 3, 2021]

**Version 4 [Mar 2, 2021]**

All times are in Cairo local time (UTC/GMT +2)
9th International Conference of the Arab Society for Computer Aided Architectural Design (ASCAAD 2021)

Conference Program - DAY 2 [Thursday March 4, 2021]

DAY 2: Thursday, March 4, 2021

10:00 - 10:30
Session D2.P1.15
Architectonic Languages III
Session Chair: MOSTAFA ALAM
- ID: 50
  PARAMETRIC ISLAMIC SLIDS: TOOLS FOR DESIGN FOR FABRICATION AND ASSEMBLY
  Faiza Jayashri
- ID: 51
  THE CUSTOMIZED HABITAT: AN EXPLORATION OF PERSONALITY-INDUCED MASS CUSTOMIZATION
  Amr Morey, Ahmad Rezk
- ID: 52
  SURFACE-PLAN: A TOOL FOR RESEARCH IN TRADITIONAL ARCHITECTURE
  John Fathal
- ID: 53
  SURFACE SHAPES SEMANTIC MORAFOLOGY TO OPTIMIZE EXHIBITING IN MIXED-USE BUILDING USING
  James Allen*, Edwa El-Halby, Maha El-Halby

10:30 - 11:00
DISCUSSION

11:15 - 11:45
Session D2.P1.52
Computational Enculturation III
Session Chair: TAMER EL-KHOLY
- ID: 122
  TECHNOLOGY-DRIVEN PARTICIPATORY SPATIAL DESIGN IN A DEVELOPING WORLD CONTEXT: THE CASE OF EGYPT
  Mehrdad Eslami, Ahmad Pah, Yoruk Duran
- ID: 124
  MATERITY: LIVING A DIGITAL MATERIAL FRAMEWORK WITH THE ANTHROPOLOGICAL HAND
  Mahyar Hend
- ID: 125
  A HANAN-CENTERED FRAMEWORK FOR SOMATIC DESIGNING: DEVELOPING REPRESENTATION METHODS TO AUDIT IN DIGITAL ENVIRONMENTS
  Ahmad Hanrach

11:45 - 12:15
DISCUSSION

12:30 - 13:00
Session D2.P1.15
Architectonic Languages IV
Session Chair: GABRIELA CIAN
- ID: 28
  APPLYING URBAN PARAMETRICS IN THE DESIGN OF DYNAMIC NEIGHBORHOODS
  Moises Falla
- ID: 56
  DYNAMIC AGGREGATION: MERGING AGGREGATION AND PARTICLE-SPRING SYSTEMS IN A FORM-FINDING APPROACH
  AlLESSANDRO Vimario, Francisco Calvo, Atlantic Jerome
- ID: 59
  EXPLORING THE SELF-ORGANIZING STRUCTURE OF THE MOROCCAN MOSQUE: A SIMULATION BASED ON GENERATING URBAN FORM
  Ali Abdennab, Garena Halil, Yousef Fendal
- ID: 69
  TOWARDS NEW DESIGN PATTERNS FOR MUSEUM EXHIBITION HALLS USING INTEGRATED ORGANIC GENERATION TOOLS
  Khair Mamece, Haidar Kayal, Mehmet James
- ID: 72
  DATA-DRIVEN DESIGN OF ADHOC LIGHTING: VIEW, GLARE, DAYLIGHTING AND ENERGIE EFFICIENCY
  Ahmad Yassine*, Mohamedaoua Mohamedaoua, Henry Igan, Per近两年

13:00 - 13:30
DISCUSSION

13:45 - 14:15
Session D2.P2.1
Emergent Modes of Learning II
Session Chair: HAJEE JAHAN
- ID: 65
  THEREFORE MADE BY MEASURING: THE PARAMETRIC AS A WAY OF TEACHING URBAN DESIGN THEORY
  Matrix Francs*, Ahmed Rasooby
- ID: 102
  CASE STUDIES OF INTEGRATING VR MODELS IN THE DIGITAL GAME ENVIRONMENT: BUILDING GAME ENVIRONMENT WITH BIM TOOLS AND LESS EFFORT
  Najat Tahra
- ID: 118
  MATERIAL-BASED PARAMETRIC FORM FINDING: LEARNING PARAMETRIC DESIGN THROUGH COMPUTATIONAL MODELING
  Abid Abdalah, Malak Mirza

14:15 - 14:45
Session D2.P2.2
Human-Computer Interaction II
Session Chair: IYAN KAN
- ID: 74
  HUMAN-COMPUTER INTERACTION FOR URBAN RULES OPTIMIZATION
  Ali Rafa*, Abdallah Ben El Sag, Ihsan Ibra
- ID: 82
  X-MARK: A DIGITALLY-FABRICATED, COMPONENT-BASED, SCRAP METAL ASSEMBLY
  Michael Georgies*, Olafgiass Georgies, Faden Fomens, Erika Eiowy

14:45 - 15:15
DISCUSSION

15:15 - 16:00
WORKSHOP PRESENTATIONS
[Jay Mondal, Ahmed Hassab, Hossam Eldin Mohammed, Marcelo Bernal, Shabed bin Fathi, Mohammad Mahdavinejad]

16:15 - 17:15
Session D2.1
Vernacular Architecture of the Digital Age: Triggering a Debate
Session Chair: PATRIK SCHUMACHER
- ID: 127
  SKIN SURFACE SHAPE GRAMMAR MORPHOLOGY TO OPTIMIZE DAYLIGHTING IN MIXED-USE BUILDING USING
  Linas Fathima*, Theodoros Dounas

17:00 - 18:30
Closing Session
Announcements, Awards, CAAD Sister Organization Presentations
Closing Remarks [ASCAAD President]