



# 1<sup>st</sup> International Workshop on Biomimicry Lessons from Nature for Sustainable Materials Design

## Agenda

February 15 – 16, 2026  
08:00 – 14:30 (GMT 3+)  
Auditorium, Minaretein,  
Education City



# 1<sup>st</sup> International Workshop on Biomimicry

## Lessons from Nature for Sustainable Materials Design



عضو في مؤسسة قطر  
Member of Qatar Foundation

**Day 1: Sunday, February 15, 2026**

Time	Event
08:00 – 09:00	Registration and Coffee
09:00 – 09:10	<b>Welcome Remarks</b> Dr. Adnan Abu-Dayya Associate Vice President of Research Hamad Bin Khalifa University
09:10 – 09:20	<b>Opening Remarks</b> Dr. Tareq Al Ansari Executive Director Qatar Environment and Energy Research Institute, HBKU  Dr. Brahim Aïssa Senior Scientist Qatar Environment and Energy Research Institute, HBKU
<b>Session 1</b>	
09:20 – 10:00	<b>Biomimicry: Innovation Inspired by Nature</b> Jess Berliner Co-founder & Director of Product Learn Biomimicry
10:00 – 10:30	<b>Advanced Product Surfaces Through Laser Surface Functionalization</b> Dr. Sabri Alamri Chief Research Officer Fusion Bionic GmbH
10:30 – 11:15	<b>ThinQa: Official Launch of Biomimicry-AI Tool</b> Dr. El Tayeb Bentría Scientist Qatar Environment and Energy Research Institute, HBKU
11:15 – 11:45	<b>Six Things Biomimicry Is Calling For</b> Alistair Daynes Managing Director Learn Biomimicry
11:45 – 12:45	Lunch Break

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Time	Event
	<b>Session 2</b>
12:45 – 13:15	<b>AI for Science: Hamad Bin Khalifa University Initiative</b> Dr. Sanjay Chawla Chief Scientist Qatar Computing Research Institute, HBKU
13:15 – 13:45	<b>Fabric of Life: Co-Designing the Future of Materials with Nature</b> Dr. Melissa Sikosana Biomaterials Scientist Leibniz-Institut für Polymerforschung Dresden
13:45 – 14:30	<b>Panel Discussion : Future of Biomimicry in the Gulf Region (Potentials and Opportunities)</b>  <b>Moderator</b> Dr. El Tayeb Bentría Scientist Qatar Environment and Energy Research Institute, HBKU  <b>Panelists</b> Edwin Osas Senior Principal Consultant Boehringer Ingelheim  Jess Berliner Co-founder & Director of Product Learn Biomimicry  Dr. Tareq Al Ansari Executive Director Qatar Environment and Energy Research Institute, HBKU  Dr. Vladimir Katanaev Acting Executive Director and Scientific Director Qatar Biomedical Research Institute, HBKU  Alistair Daynes Managing Director Learn Biomimicry

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**Day 2: Monday, February 16, 2026**

Time	Event
08:00 – 09:00	Registration and Coffee
	<b>Session 1</b>
09:00 – 09:30	<b>Designing from the Evolutionary Present</b> Edwin Osas Senior Principal Consultant Boehringer Ingelheim
09:30 – 10:15	<b>Photonic Nanocoatings: Learning from Nature</b> Dr. Vladimir Katanaev Acting Executive Director and Scientific Director Qatar Biomedical Research Institute, HBKU
10:15 – 11:00	<b>Biomimicry Life Principles (Interactive Session)</b> Yuma Langenbach Biomimicry Professional and Practitioner Learn Biomimicry
11:00 – 11:45	<b>Hands On ThinQa AI Tool (Interactive Session)</b> Dr. Amine Haboub Post Doc Qatar Environment and Energy Research Institute, HBKU
11:45 – 12:45	Lunch Break
12:45 – 13:15	<b>Student Presentations</b> <b>Jury</b>  Melissa Sikosana, Dr. Amine Haboub, Dr. El Tayeb Bentría, Dr. Brahim Aïssa, Jess Berliner
13:15 – 13:30	<b>Poster Session</b> <b>Jury</b>  Melissa Sikosana, Dr. Amine Haboub, Dr. El Tayeb Bentría, Dr. Brahim Aïssa, Jess Berliner
13:30 – 14:30	<b>Closing Ceremony</b>