# DESIGN RESEARCHERS IN RESIDENCE: SOLAR APPLICATION FORM 2023**/**24

Please complete the form below and return it, along with **1. PERSONAL INFORMATION** the required visual material to solar@designmuseum.org, with the subject line ‘Solar Application’.

|  |  |
| --- | --- |
| First name: |  |
| Surname: |  |
| Date of Birth: |  |

Please direct any queries about the application process or the Design Researchers in Residence programme to solar@designmuseum.org.

Deadline for entries is 9am on Monday 11 September 2023.

Entries received after this deadline will not be accepted.

Incomplete entries will not be considered.

|  |  |
| --- | --- |
| Please confirm you are resident and eligible to work in the UK:  Please note that this programme is only open to applicants who are resident and eligible to work in the UK. |  |

Shortlisted applicants are required to attend an interview in person or online during the w/c 18th September and successful applicants will be informed by Friday 22nd September 2023.

Please refer to the accompanying documents; ‘Call for entries’ on the Design Researchers in Residence webpage of the Design Museum or Future Observatory websites for full details on the programme and application requirements.

## CONTACT DETAILS

|  |  |
| --- | --- |
| Street address: |  |
| City: |  |
| County: |  |
| Country: |  |
| Postcode: |  |
| Email address: |  |
| Please confirm email address: |  |
| Telephone number: |  |

## 2. EDUCATION AND CAREER BACKGROUND

Please note that this programme is only open to applicants who have:

1. graduated from Higher Education within a relevant discipline within the last five years (inclusive of the academic year 2018/19 or more recently) and who have been working professionally (either paid or voluntarily) in some form of design practice for a minimum of one year.

Or

1. set up a design-related business within the last 5 years.

## EDUCATION

Please give details of your academic background (most recent first)

|  |  |
| --- | --- |
| Institution: |  |
| Course: |  |
| Graduation date [Month/Yr]: |  |
| Institution: |  |
| Course: |  |
| Graduation date [Month/Yr]: |  |
| Institution: |  |
| Course: |  |
| Graduation date [Month/Yr]: |  |

**CURRENT AND PREVIOUS EMPLOYMENT** Please give details of your current/previous employment (most recent first)

|  |  |
| --- | --- |
| Job title: |  |
| Description of duties: |  |
| Organisation: |  |
| Employment dates [Month/Yr]: |  |
| Job title: |  |
| Description of duties: |  |
| Organisation: |  |
| Employment dates [Month/Yr]: |  |
| Job title: |  |
| Description of duties: |  |
| Organisation: |  |
| Employment dates [Month/Yr]: |  |

List relevant work experience with most recent first

|  |  |
| --- | --- |
| Job title: |  |
| Description of duties: |  |
| Organisation: |  |
| Employment dates [Month/Yr]: |  |
| Job title: |  |
| Description of duties: |  |
| Organisation: |  |
| Employment dates [Month/Yr]: |  |

## EXAMPLES OF RECENT DESIGN OR RESEARCH WORK

Please attach two images showing examples of your recent design or research work, along with a short description about each piece. Images should be supplied as PDFs at a maximum size of 2mb each. Images should be titled with your surname plus the subtitle ‘recentwork1’ and ‘recentwork2’ e.g., surnamerecentwork1 and surnamerecentwork2.

## PLEASE ENTER DETAILS FOR ATTACHED IMAGES BELOW

RECENT WORK 1

|  |  |
| --- | --- |
| Title: |  |
| Medium: |  |
| Dimensions: |  |
| Date: |  |
| Description (max 100 words): |  |

RECENT WORK 2

|  |  |  |
| --- | --- | --- |
| Title: |  | |
| Medium: |  | |
| Dimensions: |  | |
| Date: |  | |
| Description (max 100 words): |  | |
| Please provide any relevant links to online content featuring your work/practice: | |  |

## REFEREE (ACADEMIC REFEREE PREFERABLE BUT WORK REFEREE ACCEPTABLE TOO)

Please provide details of a related academic or work referee. References will only be requested for those designers shortlisted for interview.

|  |  |
| --- | --- |
| Name of referee: |  |
| Job title: |  |
| Relationship to applicant: |  |
| Postal address: |  |
| Email address: |  |
| Telephone number: |  |

## 3. DESIGN RESEARCHERS IN RESIDENCE: SOLAR

*For the 2023/24 Design Researchers in Residence programme, the Design Museum and AHRC invites designers and researchers to respond to the theme of Solar.*

From sundials to solar panels, baseball caps to brise-soleil, the design of our lives has long been shaped by the sun.

At times we design in collaboration with the sun: large windows are oriented towards its daily trajectory to passively heat homes. Other times we design to keep it out: awnings, sleeves and tinted lenses all create barriers to cool and protect from solar rays. Clothing, buildings and other objects are often designed to create climates of comfort for the human body, in response to the heat and light emanating from the sun.

Yet, as our climates change, so must our relationships to the sun. Earlier this summer, the Met Office announced that the UK had the [hottest June](https://www.bbc.co.uk/news/science-environment-66084543) since records began. This [July](https://www.reuters.com/world/global-temperatures-near-record-highs-us-china-meet-climate-2023-07-17/?UTM_CAMPAIGN=Big_Moments&UTM_SOURCE=Google&UTM_MEDIUM=Sponsored) has seen a brutal heatwave take lives in southern Europe, China has reported its hottest ever day and [Canada](https://www.bbc.co.uk/news/world-us-canada-66218679) is fighting its worst ever season of wildfires. In cities such as Los Angeles and London, public provision of [shade](https://placesjournal.org/article/shade-an-urban-design-mandate/) and [cool spaces](https://www.london.gov.uk/programmes-strategies/environment-and-climate-change/climate-change/climate-adaptation/cool-spaces) is becoming a civic concern. Extreme heat is becoming commonplace and designers must respond accordingly.

This rise in global temperatures has coincided with an exponential rise in energy produced with photovoltaic cells: solar power from sunlight, the most abundant source of energy on the planet. This welcome development, which is being applied at the scale of the phone charger, the vehicle and the municipal energy grid, is not without its complications. Struggles over land co-opted for solar farms are erupting from [California,](https://www.theguardian.com/us-news/2023/may/21/solar-farms-energy-power-california-mojave-desert) USA, to [Karnataka,](https://www.newyorker.com/news/dept-of-energy/indias-quest-to-build-the-worlds-largest-solar-farms) India, making manifest the negotiations required to navigate both green transitions and climate justice. Biodiversity is also impacted by changing conditions of heat and light. Warming oceans cause coral bleaching and the loss of breeding grounds for marine species, while excessive artificial light, interrupting millennia of evolution to solar patterns, damages biodiversity via [light pollution.](https://www.ft.com/video/4035076d-67ff-47e8-a291-1570d41a2395)

For the next cohort of Design Researchers in Residence, we are seeking research proposals that consider design for and against heat and light in the context of the climate emergency.

We invite applications from designers and researchers whose research touches on themes including (but not limited to) solar farms, urban heat islands, shade, light pollution, cool spaces, drying river beds, air conditioning, clothing for extreme weather, alternative solar technologies, building insulation, solarpunk graphics, heatwave infrastructure and forest fires.

We encourage applicants to interpret the brief as openly as possible.

## 4. PROPOSAL

Please submit **150-200 words** as well as two images explaining how you would respond to this theme. Your response should explain how you have interpreted the theme and give details on your research approach, methodology and impact, as well as a proposed exhibitable output.

|  |
| --- |
| **PLEASE PROVIDE YOUR 150-200 WORD RESPONSE HERE:** |
|  |

## PLEASE ENTER DETAILS FOR ATTACHED IMAGES BELOW

Images should be supplied as PDFs at a maximum size of 2mb each. Images should be titled with your surname plus the subtitle ‘image1’ and ‘image2’ e.g., surnameimage1 and surnameimage2.

## RESPONSE TO THEME – IMAGE 1

|  |  |
| --- | --- |
| Title: |  |
| Medium: |  |
| Dimensions: |  |
| Date: |  |

## RESPONSE TO THEME – IMAGE 2

|  |  |
| --- | --- |
| Title: |  |
| Medium: |  |
| Dimensions: |  |
| Date: |  |

## 5. SUPPORTING STATEMENT

Please submit up to 200 words explaining why you are applying for the residency.

This should include details of how you feel you would benefit from the programme and details of what you would do throughout the residency.

Important considerations before applying:

How will your previous research experience inform this project?

How will the residency benefit your ongoing research practice?

What are your ambitions beyond the residency?

|  |
| --- |
| **PLEASE PROVIDE YOUR 200-WORD RESPONSE HERE:** |
|  |

## 6. CLOSING INFORMATION

|  |  |
| --- | --- |
| Have you completed this form in full? |  |
| Have you supplied and labelled the following attachments?   * surnamerecentwork1 * surnamerecentwork2 * surnameproposal1 * surnameproposal2 |  |

How did you hear about Design Researchers in Residence?

|  |  |
| --- | --- |
| Word of mouth |  |
| Design Museum |  |
| Future Observatory |  |
| Social Media |  |
| Other, please specify |  |

By signing this form you agree to the terms and conditions of Design Researchers in Residence 2023.

Signature: Date: