

**PRESIDENT’S SCIENCE AND TECHNOLOGY AWARD**

**(PSTA)**

**2023**

**NOMINATION FORM**

**FOR PRESIDENT’S TECHNOLOGY AWARD (PTA)**

The PTA recognises accomplishments that have led to transformative changes in the use or potential of technology. The accomplishments would generally be acknowledged by other S&T practitioners as resulting from deep innovative input or ingenuity, marking a turning point for that technology’s use or potential, with a significant impact on society. While the relevant technology need not be fully adopted or deployed at the point of nomination, it must have progressed beyond academic or theoretical potential, and be in the process of translation by industry or adoption by end-users. Achievements recognised by the PTA include, but are not restricted to, individual breakthroughs or a collective body of R&D work that has led to:

1. Overcoming key obstacles that unlocked an impactful technology’s potential
2. Significantly advancing the state-of-the-art performance of an impactful technology
3. Innovative application of existing technology in a new, impactful way
4. Demonstrating a technology that disrupts the industry’s status quo

## Section A: Biographical Data

**A.1: Academic & Professional Experience**

Insert particulars of Nomineebelow (all fields are mandatory) and identify lead nominee for contact purposes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Nominee 1**  **(Individual or Team lead)** | **Nominee 2**  **(Team member if applicable)** | **Nominee 3**  **(Team member if applicable)** | **Nominee 4**  **(Team member if applicable)** |
| **Title:** |  |  |  |  |
| **Surname/Last Name:** |  |  |  |  |
| **Given Name:** |  |  |  |  |
| **Gender:** |  |  |  |  |
| **Year of Birth:** |  |  |  |  |
| **Citizenship:** |  |  |  |  |
| **Singapore Permanent Resident (PR):** |  |  |  |  |
| **Designation:** |  |  |  |  |
| **Organisation:** |  |  |  |  |
| **Contact No:** |  |  |  |  |
| **Email:** |  |  |  |  |
| **Highest Qualification Attained:** |  |  |  |  |
| **Awarding Institution:** |  |  |  |  |
| **Year Awarded:** |  |  |  |  |
| **Country of Awarding Institution:** |  |  |  |  |
| **Other Academic and Professional Qualifications (State year received):** |  |  |  |  |

**A.2: Employment Record (over the last 10 years):**

**Name of nominee:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Name of Organisation** | **Department & Position Held** | **Current**  **(Yes/No)** | **Employment Term**  **(Year XXXX to XXXX)** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**<to include employment record information for other team members if applicable>**

## Section B: Technology Information

**B.1: Executive Summary**

**Project Title:**

**Date of R&D commencement:**

**Proportion of work done in Singapore:**

Provide an executive summary of the work being considered for the award, in layman terms, encompassing how the work transformed a certain technology, how that transformed technology is significant, and the nominee’s role (500 words limit):

**Please declare if this is a re-submission and state year of previous submission:   
Yes / No  
Year of previous submission:**

Describe progress since last submission (500 words limit):

**B.2: Technology Write-Up**

Describe the work that, through deep innovative input or ingenuity, contributed to the following:

* The discovery of important scientific knowledge that led to the translation of a significant new technology or innovative use of established technology
* Advancement of technology translation or the pioneering development of new technology
* Transformative improvement of a technology’s performance
* Overcoming of key obstacles that unlocked a technology’s potential

Describe the impact (both real and potential) of the work towards one or more of the following:

* Helping develop new products and processes which significantly address economic, health, environmental and/or societal needs
* Helping create new, or grow existing, industry sectors; create new businesses, or secure new product charters for existing businesses
* Wider significance to society, if any

Describe the state of development of the technology, which may include:

* How the technology development led to further joint ventures/collaboration with industry, public agencies, research institutions and other entities
* Extent of technology adoption/acceptance by industry and regulators, e.g., licensing revenue, investment capital raised
* How much of the potential impact has been realised, e.g., lives saved through the technology, CO2 abated, etc.

Describe each individual team member’s role and contribution to this work.

**B.3: Technology Details**

**I: Detailed information of all patents filed, awarded and/or licensed (relevant to the nomination):**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Inventor** | **Date of Application/ Award** | **Registration No & Country** | **Remarks (explain briefly why nominee(s) is(are) the key inventor(s) in the patent)** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**II: Awards & honours, notable presentations at conferences/symposia, and etc (relevant to the nomination):**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Type** | **Description** | **Year** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**III: Top 5 publications (journal/book chapter/monograph) arising from this R&D, which are most relevant to this nomination. Influential publications by others that were directly influenced by this R&D may be included.**

|  |  |  |
| --- | --- | --- |
| **No** | **Author list**  **<Nominees’ names to be bolded>** | **Title & DOI** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Section C: Reviewers Details

**Please propose at least 5 independent reviewers. An independent reviewer is defined as having no working (e.g. participation in the same project or grant) or reporting relationship with the nominee(s) within the past 5 years.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Name** | **Designation** | **Organisation** | **Email** | **Area of Expertise** | **Past working or reporting relationships (if any).** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

*Note: PSTA secretariat will reach out to the reviewers separately.*

## Declaration

I acknowledge that the President’s Science & Technology Awards (“PSTA”) are the most prestigious scientific awards in Singapore and PSTA awardees are expected to be of high standing and good character. I hereby declare that I have not been:

1. investigated for, charged with, or convicted of any criminal offence in Singapore or elsewhere;
2. dismissed, discharged, terminated and/or suspended from employment;
3. investigated for, or found guilty of, any form of professional misconduct and/or breach of research ethics;
4. refused registration or removed from the register of any profession by any professional or regulatory body;
5. adjudged a bankrupt and/or been the subject of any bankruptcy proceedings;
6. disqualified from any other professional award, including awards relating to science and technology, or had any such award revoked; and
7. put in a position of conflict of interest in connection with the PSTA. If I am aware of any situation which may be considered a conflict of interest or which may give rise to a conflict of interest, I shall inform the PSTA Secretariat without delay.

If any of the above grounds apply to you, then please provide the details in the space below.

SIGNED by

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lead Nominee Name & Designation

Date

For team submissions, each team member is required to endorse his/her agreement to the terms of this Declaration by inserting his/her particulars and signing below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Designation & Organisation** | **Signature** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Consent to use of personal data and terms of participation

*By submitting this form, I hereby consent to provide NRF information which may include personal data as defined in the Personal Data Protection Act 2012, for the purpose of use in the PSTA evaluation, selection process and other administrative purposes, in accordance with the privacy statement set out in* [*https://www.psta.gov.sg/privacy/*](https://www.psta.gov.sg/privacy/)

*By submitting this form, I hereby agree with the PSTA Terms of Participation set out in* [*https://www.psta.gov.sg/terms-of-use/*](https://www.psta.gov.sg/terms-of-use/)

SIGNED by

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lead Nominee Name & Designation

Date

For team submissions, each team member is required to consent to the provision of information and agree to the terms of participation by inserting his/her particulars and signing below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Designation & Organisation** | **Signature** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

* + - * + End of Nomination Form -