



# INNOVATION AND ACHIEVEMENT AWARDS

Celebrating the Best and the Brightest!!

**Photonics Middle East Innovation and Achievement Awards** are international awards instituted to promote, celebrate and recognise Photonics Innovations and achievements, across the Industry, R&D and Academia. There are about forty awards instituted for different categories. Each Award has its own distinct eligibility and judging criteria, based on originality and value creation, and all entries are based on Nominations. The Award Nomination Format is given in the Conference Website. **Nominations are to be submitted on or before February 26th, 2024.**



# INNOVATION AND ACHIEVEMENT AWARDS-2024

## CATEGORIES (All R&D should be connected to Photonics)

AWARD NAME	BASIC QUALIFICATION AND EVALUATION CRITERIA
★ Best Research Paper	The paper is to be presented in the Photonics ME International Conference and should not be published elsewhere.
★ Best Research Presenter	The paper is to be presented in the Photonics ME International Conference
★ Budding Scientist of the Year (Student Level)	Research oriented work / project (s) initiated by the student, with original innovation content and novelty, done independently.
★ Young Scientist of the Year	Based on scientific work completed during 2021-23 Published research papers in peer reviewed journals (first author) / patents and the industrial and social value of the work, its innovation content and novelty. Minimum 2 year experience in a specific photonics field.
★ Senior Scientist/ Engineer of the Year (2 Awards)	Based on scientific work completed from 2018 to 2023, Projects initiated and got awarded, published work in peer reviewed journals, patents, industrial and social value of the work, students work under the Scientist, minimum 10 year experience in a specific photonics field, number of student Ph.Ds. awarded.
★ Young Engineer of the Year (2 awards)	Based on technological work completed during 2021-23. Published work in peer reviewed journals, patents, industrial and social value of the work, Innovation Content and Novelty, minimum 2 year experience in a specific photonics field.
★ Senior Engineer of the Year	Based on technological work completed from 2018 to 2023, Projects initiated and got awarded, published work in peer reviewed journals, patents, industrial and social value of the work, minimum 10 year experience in a specific photonics field, number of student Ph.Ds. awarded, Products and Solutions developed.
★ Woman Scientist/ Engineer of the Year (2 Awards)	Based on scientific work completed from 2018 to 2023, Projects initiated and got awarded, published work in peer reviewed journals, patents, industrial and social value of the work, students work under the Scientist, minimum 10 year experience in a specific photonics field, number of student Ph.Ds. awarded.
★ Budding Engineer of the Year (Student Level)	Student of an engineering college who has done original innovation independently

AWARD NAME	BASIC QUALIFICATION AND EVALUATION CRITERIA
☆ Best Ph.D. Thesis of the Year	Ph.D thesis with original contribution to Photonics creating value for the society and/ or the industry.
☆ Best Photonics Innovation of the Year	Individuals, R&D Centers, Academic Institutions and Industry can participate. Based on overall Contribution to Photonics.
☆ Best Startup of the Year	Companies/ Firms started in the past five years, as on December 31st, 2023. Based on the Product/ Solution, Turnover, Employment Generated.
☆ Best Lifetime Achievers – R&D (3 Nos)	Individuals who have minimum 20 years' experience in the area of Photonics R&D and who have commendable and outstanding achievements in Photonics R&D can be nominated.
☆ Best Lifetime Achievers – Industry (3 Nos)	Individuals who have minimum 20 years' experience in the area of Photonics Industry and who have commendable and outstanding achievements in Photonics Industry can be nominated.
☆ Best Lifetime Achievers – Academia (3 Nos)	Individuals who have minimum 20 years' experience in Photonics Academia/ Teaching and Authoring and who have commendable and outstanding achievements in Photonics education.
☆ Best Lifetime Woman Achiever	Women Scientist / Engineer/ Teacher/ Industry Professional who have minimum 20 years' experience in the area of Photonics Industry and who made commendable and outstanding achievements in Photonics Industry can be nominated.
☆ Best Photonics Innovative Industrial Applications	Companies who developed or promote Photonics based industrial products/ solutions.
☆ Best R&D Centre	Best Photonics R&D Centre that does advanced and pathbreaking research in the area of Photonics.
☆ Best Young Presenter	Young individual who has the best presentation design, good communication and efficacy, clarity and articulation.
☆ Best Student/s Project of the Year	A Photonics related Student Project completed during Jan, 2022 to Dec, 2023.
☆ Best Photonics Healthcare Product	An innovative Photonics Product that has high market and social relevance.
☆ Most Innovative Healthcare Solution	Photonics oriented solution that solves a very important problem in healthcare.
☆ Best Ongoing R&D Project	Photonics based R&D Project that has original path breaking and challenging approach for the development of a novel product or for solving a long prevailing social issue.
☆ Best Collaborative Project of the Year	Photonics based Collaborative R&D Project of different laboratories/ institutions that has original path breaking and challenging approach for the development of a novel product or for solving a long prevailing social issue.

AWARD NAME	BASIC QUALIFICATION AND EVALUATION CRITERIA
☆ Best Photonics Company	A photonics company that has products of high market relevance. Evaluation will be based on the turnover/ volume of sales/ employment generation and the social issues that are addressed.
☆ Best Security and ID Innovation	A photonics innovation leading to the development of a product or solution to effectively address the menace of global counterfeiting, forgery, facilitating easy and reliable authentication.
☆ Most Innovative Company	A photonics based company that practices innovative procedures and has one or with several innovative products and / or solutions, developed through innovative techniques
☆ Best Academic Centre	An academic centre that uses innovative methods for photonics education.
☆ Best Equipped Medical Centre	A Medical Centre that uses photonics based equipment and solutions for healthcare.
☆ Photonics Industrialist of the Year	An industrialist who, through his/her innovative approach created big value for photonics. Evaluated based on the turnover, employment generated and long-term performance.
☆ Best Industry Project	An industrial Project that is designed and taken up by an R&D Centre/ Industry/ Academic institution, or through collaboration of such institutions, that lead to the development of a product or a solution that will solve an industrial or manufacturing issue.
☆ Best Industrial Product	A photonics based novel industrial product that is used in manufacturing.
☆ Best Industry Solution	A photonics based novel industrial solution that helps better manufacturing
☆ Best Business Pitch (Start Ups)	Business and Investment Pitch that can lead to the setting up of a Company that develops photonics based products and solutions of high commercial and social value.
☆ Best Photonics Publisher of the Year	Publisher who uses innovative approach in publishing photonics content and contributes to the growth of photonics.

## THE JUDGING CRITERIA

The originality and innovation of the technology, impact on society, commercial value and the impact of the technology on the world and the potential of the technology to improve people's lives. The benefits of winning the award include:

- ☆ Recognition for your work.
- ☆ Increased exposure for your technology.
- ☆ Networking opportunities with other Innovators/ Investors/ Research Guides
- ☆ Scope for investment.