

A GLIMPSE at Photons Canada planned activities for the remainder of the year



- May
 - Photonics North 2022 -Niagara Falls, ON
- May/June – Networking Meeting
 - Development of a quantum internet testbed advancing of TRL readiness of components, by integrating quantum devices and PICs for field deployable applications
- May/June – SWOT Meeting
 - Analysis of Photonics in Ontario
- June – Networking Meeting
 - Development of a wafer level laser integration capability

- August – Networking Meeting
 - Development of edge computing (advanced sensing platforms with built-in, on-chip artificial intelligence) capability through PICs and quantum
- August – SWOT Meeting
 - Analysis of Photonics in Quebec
- September
 - 16th International Conference On Near-field Optics, Victoria, BC
- September – Workshop
 - Perovskite and organic photovoltaic cells for harsh environment.
- October – Webinar
 - Emergence of artificial intelligence in photonic integrated circuits
- October – SWOT meeting
 - Analysis of Photonics in Atlantic Region
- November – Workshop
 - Designing and prototyping capability to develop new devices for low power, low cost and small footprint.

PHOTONSCANADA
The Canadian Photonics Ecosystem / L'écosystème canadien de la photonique

Our Members:
CMC, IBM, TeraXion, INNO, Canada, META, iQDiversa, OPTONIQUE, I.P.G., CMI, A&P, OPTONIQUE

THE VOICE OF CANADIAN PHOTONICS

START AND GROW YOUR BUSINESS WITH US

CONTACT US:
www.photonscanada.ca

We can develop your business, by providing market information, sharpening marketing and creative marketing strategies and providing a platform of collaboration in the Canadian Photonics Ecosystem that is suitable for your business. Let's grow with us.

BECOME A MEMBER FOR YOUR **BRIGHT FUTURE BUSINESS**

PHOTONICS TECHNOLOGIES OF THE FUTURE
ANNUAL REPORT 2021 (PDC-RDDC-2022-C096)
AVAILABLE FOR MEMBERS

Vision

Photonics as a strategic engine of the Quantum Economy and Canadian industry growth

Authored by Photons Canada

Robert Corriveau & Nikki Bulgarea

As a result of discussions with Canadian Expert groups from Industry academia and representatives of R&D centres, is an interesting read that gives you valuable information on the Canadian Photonics Ecosystem, global and Canadian market information.



Photonics Technologies of the Future

Annual Report 2021
DRDC-RDDC-2022-Co86

AVAILABLE TO MEMBERS

With the following table of content:

1. Introduction
2. Biophotonics
3. Imaging, Sensing and Fusion
4. Laser processing for advanced manufacturing
5. Optical Communications and Photonic Integrated Circuits
6. Photovoltaics
7. Quantum Technologies
8. Workshops, Webinars and Networking
9. Conclusion
10. Biophotonics
11. Imaging, Sensing and Fusion
12. Laser processing for advanced manufacturing
13. Optical Communications and Photonic Integrated Circuits
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16. Workshops, Webinars and Networking
17. Conclusion

Our Mission

Assist Canadian companies in their growth through market information, technology updates and networking events.

Represent them (the member companies) and their interests in government discussions and initiatives.

As a source of information in the field of photonics we strive to highlight the benefits and contributions that the photonics industry is bringing in the new Quantum economy

Photon = Quanta of light