

Brainfood Menu

For Starters



Photonics Hub
Ober-Saulheimer-Str. 6
D-55286 Wörrstadt
Germany
<http://www.photonics-hub.de>

Member structure

190 members (151 industry / 33 academia / 6 other)

Focus areas

Optics manufacturing, Laser technology, Metrology

Main Course

What are your main activities?

Networking, training courses, technology transfer, projects

What do you see as your cluster's / organization's specialty?

Bringing together companies active in the entire optical supply chain and universities, Photonics Hub offers an effective platform for communication, networking, technology transfer and collaboration.

Which international projects are you involved in?

LaserGo Global

The Best for Last

Do you have plans / strategies for the future you would like to share?

Strengthen the international collaborations and activities to expand the services for our members.

What type of collaborations / joint projects / partners are you looking for?

Cross-sectoral and cross-regional collaborations and joint projects with European and non-European partners.

For Starters



Czech Optical Cluster

Slechtitelu 813/21

779 00 Olomouc

Czech Republic

<http://www.optickyklastr.cz/en>

Member structure

18 members both from industry and research and technology organizations (8/10)

Focus areas

industrial and consumer optics, military optics, lighting technology

Main Course

What are your main activities?

Cooperation R&D projects; technical workshops; technology development; marketing and public relations

What do you see as your cluster's / organization's specialty?

Professional platform for the development of optics, photonics and fine mechanics in the Czech Republic. We interconnect and associate representatives of the optical industry and academic sphere.

Which international projects are you involved in?

Not yet.

The Best for Last

Do you have plans / strategies for the future you would like to share?

Not yet.

What type of collaborations / joint projects / partners are you looking for?

Join research and development projects and sharing know-how in the fields of optics, optomechanics, photonics, optoelectronics and fine mechanics.

For Starters



Dutch Optics Centre

a TNO and TU Delft initiative

Dutch Optics Centre

Stieltjesweg 1

2600 AD

Delft

Netherlands

<https://dutchopticscentre.com>

Member structure

Universities, Knowledge Institutes, industry and cluster organization

Focus areas

Imaging, Metrology, Spectroscopy

Main Course

What are your main activities?

Network, Education, Research, Development, Innovation

What do you see as your cluster's / organization's specialty?

Dutch Optics Centre is committed to serve industry with leading technology and provide the science community with new ideas on technology research. Therefore we build an active photonics community.

Which international projects are you involved in?

H2020 projects

The Best for Last

Do you have plans / strategies for the future you would like to share?

Work together on a pan-European photonics innovation hub for both university, knowledge institutes, cluster organizations and industry.

What type of collaborations / joint projects / partners are you looking for?

We want to collaborate with all kind of relevant parties to boost the European photonics industry

For Starters



Human.technology Styria GmbH (HTS)

Neue Stiftingtalstraße 2

Eingang B, 1. Stock

8010 Graz

Austria

[http:// www.humantechnology.at/en/](http://www.humantechnology.at/en/)

Member structure

129 members in the life science sector, 114 industry members, 4 Universities, 11 research organizations

Focus areas

MedTech, Pharma & BioTech

Main Course

What are your main activities?

Networking, development of the Health Tech area, Internationalization, economic utilization, project support

What do you see as your cluster's / organization's specialty?

improve existing strengths and to enhance the international visibility; helps to advance the whole value chain in BioTech, Pharma and MedTech

Which international projects are you involved in?

Laser Go global, Spitzen!Leistung

The Best for Last

Do you have plans / strategies for the future you would like to share?

Focusing international cooperation with consideration of regional priorities along the value chain

What type of collaborations / joint projects / partners are you looking for?

Support in the search for partners for industry and research projects in the area of MedTech and Pharma & BioTech such as Active and Healthy Ageing, Enabling Innovation, medical 3 D printing....

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JETRO -Japan External Trade Organization

Hamamatsu Office

Chamber of Commerce and Industry Building 5F 7-1

Higashiiba 2-Chome, Naka-ku, Hamamatsu-City

Shizuoka 432-8501

JAPAN

<https://www.jetro.go.jp/en/>

Member structure

1,730 people (998 domestic & 732 overseas) - as of April 2019

Focus areas

Worldwide (especially, Germany and the U.S.A)

Main Course

What are your main activities?

helping small to medium size Japanese firms maximize their global export potential

What do you see as your cluster's / organization's specialty?

Hamamatsu is the city which has many activities in Photonics including Hamamatsu Photonics K.K. There are many of SMEs that are willing to enter into Photonics industries.

Which international projects are you involved in?

Jena-Hamamatsu, Berlin -Hamamatsu, Region-to-Region Initiatives

The Best for Last

Do you have plans / strategies for the future you would like to share?

To send our mission to 'K' in Dusseldorf on this October.

To continue our collaborative works with Germany and to make money for each country's SMEs

What type of collaborations / joint projects / partners are you looking for?

Each company has different target companies to work with

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Optics Valley

1215 E. Pennsylvania St. #122

Tucson, Arizona

USA

<http://www.OpticsValleyAZ.com>

Member structure

55 industry members, 11 academic members, 3 industry associations, 3 state & local authorities

Focus areas

Photonics Ecosystem, Workforce Development, Community Awareness

Main Course

What are your main activities?

Industry Networking, Internationalization, Tradeshow & Conference Support, Education, State & Federal Lobbying

What do you see as your cluster's / organization's specialty?

opto-mechanical, opto-electronic, laser design & manufacture; metrology instrumentation; lens & mirror design & manufacture, incl. large diameter parts for astronomy; optical design software

Which international projects are you involved in?

Global Photonics Alliance, LASER-GO GLOBAL, PIMAP Partnership

The Best for Last

Do you have plans / strategies for the future you would like to share?

US Small Business Administration contract: 1) Help optics companies scale up, 2) Help start new optics companies, 3) Visibility of optics in Arizona

What type of collaborations / joint projects / partners are you looking for?

Open to all kinds of collaboration and joint projects that relate to our special capabilities noted above

For Starters



Photonics cluster OPTITEC

38, rue Joliot-Curie

13388 Marseille cedex 13

France

<http://www.pole-optitec.com/>

Member structure

220 members (130 industry, 55 academia, 35 various ecosystem partners)

Focus areas

Photonics, imaging, artificial intelligence (AI)

Main Course

What are your main activities?

R&D support, technology transfer, European projects, internationalization

What do you see as your cluster's / organization's specialty?

OPTITEC has a strong expertise in setting-up consortia and developing EU projects. To this day, it remains the only European cluster with a Brussels-based office.

Which international projects are you involved in?

EPRISE (www.eprise.eu/) KETs4Dual-Use (www.clustercollaboration.eu/escp-profiles/eu-kets4dual-use)

The Best for Last

Do you have plans / strategies for the future you would like to share?

OPTITEC is interested in Horizon 2020 call for proposal DT-ICT-04-2020 Photonics Innovation Hubs.

What type of collaborations / joint projects / partners are you looking for?

Collaboration opportunities with clusters in the field of photonics/imaging/IA and in the area of medical technologies, smart cities, intelligent mobility, precision agriculture, security/defense.

For Starters

OPTONIQUE

Pôle d'excellence en optique-photonique du Québec

Optonique

2740 rue Einstein
Québec QC G1P 4 S4
Canada

www.optonique.ca

Member structure

45 industries / 2 academia (47 professors)

Focus areas

employability, commercialization, innovation

Main Course

What are your main activities?

employability, commercialization, innovation

What do you see as your cluster's / organization's specialty?

We have a working group focus on solution long term and short term for the shortage of manpower. We promote the sector with video and attend public conference.

Which international projects are you involved in?

PIMAP and Laser Go

The Best for Last

Do you have plans / strategies for the future you would like to share?

We want to translate an e-book that explain optics to a large audience in other languages, French first.

What type of collaborations / joint projects / partners are you looking for?

We are looking for partnership to help Quebec SME access market, and to want to innovate with Quebec SME.

For Starters



Photonics Finland

Länsikatu 15

80110 Joensuu

Finland

<http://www.photonics.fi/>

Member structure

73 company members, 9 academia members, more than 200 individual members

Focus areas

Not Specific - Photonics overall

Main Course

What are your main activities?

Photonics for X -events and OPD, Lobbying, International collaboration, Information, Education

What do you see as your cluster's / organization's specialty?

PF collects all Finnish Photonics in the same umbrella. Pure photonics companies, those who using photonics and academia.

Which international projects are you involved in?

EPRISE, NextPho21 & Pimap Partnership

The Best for Last

Do you have plans / strategies for the future you would like to share?

Funding is important part of Photonics Finland development. We have needs for regional, national and European level project.

What type of collaborations / joint projects / partners are you looking for?

Specific topic such as Photonics for Food, Photonics for Forestry and Photonics for manufacturing industry and Cluster development projects

For Starters



Photonics NL

PhotonicsNL

Christiaan Huygensstraat 34

7533 XB

Enschede

Netherlands

<http://www.photonicsnl.org/>

Member structure

Universities, Knowledge Institutes, industry and cluster organisations

Focus areas

(Integrated) Photonics and Optics

Main Course

What are your main activities?

Network, Internationalization, Symposium, Workshops, Awareness, Education, Joint policy influencing

What do you see as your cluster's / organization's specialty?

PhotonicsNL is the national association, we coordinate many activities for the field in and around photonics applications. By working together on a national level, we create critical mass and impact.

Which international projects are you involved in?

EPRISE and NextPho21

The Best for Last

Do you have plans / strategies for the future you would like to share?

Work together in future projects and/or collaborations together with our partners Dutch Optics Centre and PhotonDelta

What type of collaborations / joint projects / partners are you looking for?

All types of relevant parties to strengthen the Dutch and European Photonics Industry

For Starters



Systematic Paris-Region

8 avenue de la Vauve

91120 Palaiseau

France

<http://www.systematic-paris-region.org/en/>

Member structure

900 members - 150 Optics & Photonics

Focus areas

Optics - Photonics – DeepTech

Main Course

What are your main activities?

Ecosystem - animation - growing - matching

What do you see as your cluster's / organization's specialty?

Open source - Artificial intelligence - Data Science - Digital Infrastructure - Digital engineering - Cyber security - IoT - Optics - Photonics

Which international projects are you involved in?

DeepTech4Good - Laser Go - FoodPackLab

The Best for Last

Do you have plans / strategies for the future you would like to share?

Connecting Deep Tech Innovation Ecosystems + digital innovation deep Tech

What type of collaborations / joint projects / partners are you looking for?

The Optics & Photonics Hub is looking for new International European Project with international partners