



Home Paper Submission Program Speakers Registration Exhibition General Info. Hotel Info. Committee Sponsors

Information

Some students who presented excellent papers will be awarded during IWPP12018.

Looking for sponsors for coffee served during IWPP12018.

Coffee Sponsor: JPY30,000 /company.

In return for your sponsorship, your company's name/logotype will be displayed at the coffee corner.

For applying, please contact iwppi@kpri.keio.ac.jp

Oct 01, 2018

Calling for Post Deadline Papers

[View all](#)

Important Dates

Post Deadline Papers Due Date

October 10 2018

Notification of Acceptance

August 31 2018

Exhibition Application Due Date

August 31 2018

Abstract Submission Due Date

July 31 2018 **Extended! Aug. 17**

Scope

It is our great pleasure to announce that the International Workshop on Photonics Polymer for Innovation (IWPP12018) will take place during October 15th – 18th, 2018 in Suwa, Nagano, Japan. With the IWPP1 theme "Photonics Polymers Create New Systems", we will focus on the most advanced leading edge research in the field of photonics polymers for a number of applications such as ultra-high-speed optical communication, optical waveguide, high-resolution displays, optical switching and other related areas. A number of prominent researchers from academia and industry executives from all over the world will present their latest findings to share their insights and discuss future R&D for new innovation. We invite you to join us and find new business opportunities and innovations born from novel materials.

Suwa City, known as an integrated area for precision industry, where "[Suwa Area Industrial Messe](#)" has been successfully held since 2002. On Oct. 18th, the first day of the Messe, IWPP12018 is privileged to organize a joint event with Suwa Area Industrial Messe. We will invite the state-of-the-art speakers who play an active part at the forefront of the world.

We are very much looking forward to your participation at IWPP12018.

Honorable Chair Seizo Miyata
Co-Chair Toyohiko Yatagai
Co-Chair Yasuhiro Koike

Topics

IWPP1 will provide the attractive fields to exchange the latest advances and ideas in photonics polymers and also provide scientific interaction and collaboration to create innovative progresses in our life. Topics to be covered in the workshop include, but are not restricted to:

A. Fiber, Waveguide, and Optical Interconnects

Chip/Board/System-level optical interconnects
Active optical cables, etc.

B. Displays

LCD,
Laser/LED/EL displays,
3D displays, Projection displays,
Wearable displays, etc.

C. Optical Imaging and Sensing

Optics for image recognition,
Sensors and sensing systems,
Security systems,
Optical computing,
Bio- and medical sensing,
Tomography, etc.

D. Optical Equipment

Optical storages,
Laser and LED printers,
Advanced cameras,
Advanced optical microscopes, etc.

E. New Applications

Green photonics,
Environmental and energy optics,
Bio- and medical optics, Nano-photonics,
systems,
Agricultural and fishery optics, etc.

Contact

Secretariat of IWPP1

E-mail : iwppi@kpri.keio.ac.jp

IWPP12016 Report

Paper Submission

[Home](#) > [Paper Submission](#)

Submission of Post Deadline Papers

Original papers that have not been previously presented and that describe new technical contributions to the areas covered by the technical descriptions in Topics of IWPPI2018 will be accepted for presentation at poster session. Latest significant results obtained after the regular deadline are most welcome.

Papers should be submitted electronically no later than noon on October 10 (Wed.), 2018, Japan Standard Time. Authors will be requested to submit 1-page paper written in English, including text, figures, tables, and references within a frame of 17 cm x 24 cm. The paper template is available through the paper submission site.

IWPPI2018 will provide the attractive fields to exchange the latest advances and ideas not only in photonics polymers and related materials but also photonics devices and applications. IWPPI2018 looks for scientific interaction and collaboration to create innovative progresses in our life. We encourage you to submit many abstracts.

CATEGORY

Topics to be covered in the workshop include, but are not restricted to:

A. Fiber, Waveguide, and Optical Interconnects

Chip/Board/System-level optical interconnects, Active optical cables, Polymer waveguides, etc.

B. Displays

LCD, Laser/LED/EL displays, 3D displays, Projection displays, Wearable displays, etc.

C. Optical Imaging and Sensing

Optics for image recognition, Sensors and sensing systems, Security systems, Optical computing, Bio- and medical sensing, Tomography, etc.

D. Optical Equipment

Optical storages, Laser and LED printers, Advanced cameras, Advanced optical microscopes, etc.

E. New Applications

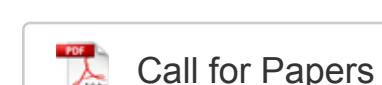
Green photonics, Environmental and energy optics, Bio- and medical optics, Nano-photonics, systems, Agricultural and fishery optics, etc.

Original papers that have not been previously presented and that describe new technical contributions to the areas covered by the technical descriptions in the aforementioned category will be accepted for presentation.

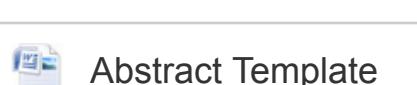
SUBMISSION OF PAPERS

Papers should be submitted electronically no later than **July 31 (Tue.), 2018 August 17(Fri.), 2018**. Authors will be requested to submit 1-page abstract written in English, including text, figures, tables, and references within a frame of 17 cm x 24 cm. The abstract template is available for downloading which must be used for compliance.

Authors will be notified of acceptance on or before August 31 (Fri.), 2018. Accepted papers will be published through the Proceedings except for cases of no-show without notification and for paper-cancellation.



Call for Papers



Abstract Template

Paper Submission

POSTER SESSION

In addition to regular oral presentation sessions, poster presentation session will be planned to stimulate detailed explanation and discussion. The author(s) of papers will be informed of the size of bulletin board for displaying summary, figures, tables, etc., when selected as poster papers.

OFFICIAL LANGUAGE

The official language of IWPPI2018 is English.

CONTACT

IWPPI2018 Program Committee

E-mail: program@kopt-23sh070001.kir.jp

Program

[Home](#) > [Program](#)

at a glance

	Oct.15 (Mon)		Oct.16 (Tue)		Oct.17 (Wed)		Oct.18 (Thu)
9:00		8:30	Session New Applications (Nano-semiconductors & -metals) Igor Samuel Vera Cimrova Andre-Jean Attias (Asia) Jun Wang (Asia) Chih-Chia Cheng	9:00	Session "Photonics Polymer Project" in S-Innovation Program Kozoh Hakuta Okihiro Sugihara Eiji Yoda Toyohiko Yatagai Yasuhiro Koike	9:00	Suwa Area Industrial Messe Opening Ceremony (Suwa Lake Event Hall)
10:00		10:00	Coffee Break		Coffee Break	10:00	
11:00	Registration (Lobby of Hotel Beniya)	11:00	Session New Applications (Nanostructure Photonics) Jean-Michel Nunzi Kwang-Sup Lee Hynd Remita (Asia) Bin Cai (Asia) Priastuti Wulandari	11:00	Special Session	11:00	
12:00		12:00	Lunch Time	12:00	Closing	12:00	
13:00	Opening	13:00	Session Optical Imaging, Display, Storage Ken Singer Ken Y. Hsu Hiromasa Yamashita Daniel Citterio	13:00	Lunch Time	13:00	Special Lectures Admission (Suwa City Culture Center)
14:00	Plenary Session Duncan T. Moore Nasser Peyghambarian	14:00	Coffee Break	14:00		14:00	Mr. Minoru Usui Seiko Epson Corporation
15:00		15:00	Session Fiber, Waveguide, Interconnects I Kien Truong Joseba Zubia Kin Seng Chiang	15:00	Session New Application (New Polymer for Photonics) Ray T. Chen Chantal Andraud Eunkyong Kim Kishan Dholakia	15:00	Prof. Duncan Moore University of Rochester
16:00	Break	16:00	Session Fiber, Waveguide, Interconnects II Mark G. Kuzyk Bruno Ameduri	16:00	Excursion	16:00	Prof. Akira Fujishima Tokyo University of Science
17:00	Session New Application (Bio and Natural Material) James Grote Ileana Rau	17:00	Poster Session	17:00		17:00	Closing
18:00	Exhibition Tour	18:00		18:00		18:00	
19:00		19:00	Banquet (Ruby Hall)	19:00		19:00	
20:00		20:00		20:00		20:00	
		20:30					

*Oct. 15 (Mon) -17 (Wed) : Hotel Beniya

*Oct. 18 (Thurs) : Suwa City Culture Center

※Exhibition will be open from Oct.15 at 1pm to Oct. 17 at 1pm.

Program

Home > Program > Technical Program

Monday, October 15, 2018

Opening Remarks

Chair: Yasuhiro Koike / Keio University, Japan

13:00 Yoshimasa Goto / Executive Director, Japan Science and Technology Agency
Seizo Miyata / Program Officer, Japan Science and Technology Agency

Plenary Session

Chair: Toyohiko Yatajiri / Utsunomiya University, Japan

13:20 "Polymeric Lenses for Optical Systems"
Duncan T. Moore / University of Rochester, USA

Chair: Kwang-Sup Lee / Hannan University, Korea

14:00 "Magnetic optic polymers and engineered nanostructures in polymer hosts for magnetic field sensors with femto-Tesla resolution"
N. Peyghambarian, Babak Amroolaimani, Palash Gangopadhyay, Andre P. Persoons, Sasaan A. Shoughi, Lloyd J. LaComb, and Robert A. Norwood / The University of Arizona, USA

14:40 Coffee Break

Invited: Fiber, Waveguide, Interconnects I

Chair: Kozo Hakuta / University of Electro-Communications, Japan

15:10 "Potential Disruptive POF Technologies for Aircraft Applications"
T. Kien Truong / Boeing Commercial Airplanes, USA

15:30 "Solar energy concentrators using hybrid-doped plastic optical fibers"
M. Asuncion Ibarra-Carrión, Joséba Zubia, Iñaki Parolla, Igor Ayesta / University of the Basque Country, Spain

15:50 "3D polymer waveguide devices for mode-division-multiplexing fiber communications"
Kin Seng Chang / City University of Hong Kong, China

16:10 Break

Invited: Fiber, Waveguide, Interconnects II

Chair: T. Kien Truong / Boeing Commercial Airplanes, USA

16:20 "Harnessing the photomechanical response of dye-doped polymer fibers and elastomers"
Mark G. Kuzyk / Washington State University, USA

16:40 "FLUOROPOLYMERS & OPTICAL FIBERS"
Bruno Améduri / Ingénierie et Architectures Macromoléculaires Institut Charles Gerhardt, France

Invited: New Application (Bio and Natural Materials)

Chair: Jean-Michel Nunzi / Queen's University, Canada

17:00 "Deoxyribonucleic Acid-Silver Nanocomposite Electromagnetic Shielding"
James Grote and Michael Salour / SDXTEK – Software Defined Technologies, USA

17:20 "Natural extracts - potential chromophores for optoelectronic applications"
Ileana Rău, Francois Cajzar, Mirela Anton, Alina Simion, Cristian Simion / POLITEHNICA University of Bucharest, Romania

17:40 Exhibition Tour

19:00

Tuesday, October 16, 2018

Invited: New Applications (Nano-Semiconductors & -Metals)

Chair: Eunkyoung Kim / Yonsei University, Korea

8:30 "Organic Semiconductors: Power and Data for Mobile Communications"
Ifer D. W. Samuel¹, Pavlos P. Manousakis¹, Harald Haes² and Graham A. Turnbull¹
1. University of St. Andrews, UK; 2. The University of Edinburgh, UK

8:50 "Effects of side chains in donor-acceptor copolymers for photonics"
Věra Čimrová, Dražomír Výprachtický, Věronika Pokorná, Petra Babková / Czech Academy of Sciences, Czech

9:10 "Tuning the graphene photonic properties by surface-confined supramolecular self-assembly"
S. Le Liepvre¹, P. Du², D. Kreher², F. Mathevet², C. Fiorini-Debuisscher¹, F. Charra¹, A.-J. Attias²
1. CEA Saclay, Gif sur Yvette, France; 2. Sorbonne Université, France

9:30 "Probing the Movement of Excitonic Dark State and Band-Edge in Layered MoS₂ by Two-Photon Excitation"
Jun Wang / Chinese Academy of Science, China

9:45 "Supramolecular Polymer Network Mediated Hole Injection in Organic Electroluminescent Devices"
Chih-Chia Cheng / National Taiwan University of Science and Technology, Taiwan

10:00 Coffee Break

Invited: New Applications (Nanostructure Photonics)

Chair: Ifor D. W. Samuel / University of St. Andrews, UK

10:20 "Plasmonic Antenna Hot-Electron Photo-detectors"
Somayeh M.A. Mirzaee and Jean-Michel Nunzi / Queen's University, Canada

10:40 "Diverse Applications of 3D Objects Fabricated by Two-Photon-Initiated Polymerization"
Kwang-Sup Lee / Hannan University, Korea

11:00 "Conjugated Polymer Nanostructures for Photocatalysis under Visible-Light"
Hynd Remita¹, Xiaojing Yuan¹, Dita Floresyna¹, Stéphanie Mendes Marinho², Sabranti Ghosh¹,
Ally Aukaulou², Winfried Leibl², Samy Remita¹, Fabrice Gouillard³, Pierre-Henri Aubert³ / 1. Université Paris-Sud, France; 2. Université Paris-Saclay, France; 3. Université de Cergy-Pontoise, France

11:20 "Self-assembly of Organic Nonlinear Nanowires"
Bin Cai, Tian Han, Chenyin Wu, Shuting Guan / University of Shanghai Science and Technology, China

11:35 "Chemical, Electronic and Optical Properties of Metal Nanoparticles Capped by Organic Molecules and Its Application in Polymer based Optoelectronic Devices"
Priastuti Wulandari¹, Rachmat Hidayat¹, Koichi Okamoto², Kaoru Tamada²
1. Bandung Institute of Technology, Indonesia; 2. Kyushu University, Japan

11:50 Lunch

Invited: Optical Imaging, Display, Storage

Chair: Tsutomu Shimura / University of Tokyo, Japan

13:20 "Multilayer polymer films for high capacity optical data storage: optimization of fluorescence lifetime for high speed read-out"
Kenneth D. Singer / Case Western Reserve University, USA

13:40 "Photoreaction of phenanthrenequinone molecule in MMA-rich PMMA photopolymer for holographic recording"
Ken Y. Hsu, Shiuau Hui Lin, Vera Marinova / National Chiao Tung University, Taiwan

14:00 "8K UHD Technology for New Medical Applications: 8K UHD Endoscope and Microscope"
Hiromasa Yamashita / Kairos Co., Ltd., Japan

14:20 "Simple and low-cost optical detection of clinically relevant targets at point-of-care"
Daijiro Citterio / Keio University, Japan

14:40 Coffee Break

Invited: New Applications (New Polymer for Photonics)

Chair: James Grote / SDXTEK – Software Defined Technologies, USA

15:00 "Development of Single-Photon Generation System Using Optical Nanofibers"
Kohzo Hakuta¹, Nobuyuki Ichihara², Akihiko Miyazaga³, Hiroaki Suzuki⁴
1. University of Electro-Communications, Japan; 2. Ishihara Sangyo Co., Ltd., Japan; 3. NS Materials Inc., Japan; 4. ARIOS INC., Japan

15:20 "Polymethines for nonlinear absorption or biological applications"
Chantal Andraud / École Normale Supérieure de Lyon, France

15:40 "Color-Tunable Capacitive Polymer Windows Through Charge Balancing Electrochromism"
Younghoon Kim, Minsu Han, Jinbo Kim, Eunkyoung Kim / Yonsei University, Korea

16:00 "New Studies Exploiting Polymer Science for the Generation and Use of Optical Vortices"
Kishan Dholakia^{1,2} / 1. University of St. Andrews, Scotland; Chiba University, Japan

16:20 Poster Session
Chair: Ohkiro Sugihara / Utsunomiya University, Japan & Masatoshi Tokita / Tokyo Institute of Technology, Japan

18:00 Banquet

20:30

Wednesday, October 17, 2018

Proposal from "Photonics Polymer Project" in S-Innovation Program

Chair: Kenneth D. Singer / Case Western Reserve University, USA

8:30 "Development of Single-Photon Generation System Using Optical Nanofibers"
Kohzo Hakuta¹, Nobuyuki Ichihara², Akihiko Miyazaga³, Hiroaki Suzuki⁴
1. University of Electro-Communications, Japan; 2. Ishihara Sangyo Co., Ltd., Japan; 3. NS Materials Inc., Japan; 4. ARIOS INC., Japan

8:45 "Recent Progress of Optical Interconnect Devices Using High Performance Polymers"
Ohkiro Sugihara¹, Shiyoshi Yokoyama², Tomohiro Kitada³
1. Utsunomiya University, Japan; 2. Kyushu University, Japan; 3. Waseda University, Japan

9:00 "Development of Transparent Projection Screen Film"
Eiji Yoda¹ and Masatoshi Tokita²
1. JXTG Nippon Oil & Energy Corporation, Japan; 2. Tokyo Institute of Technology, Japan

9:15 "Practical Design of Phase Multi-level Holographic Data Storage"
Toyohiko Yatajiri¹ and Yukinobu Tada²
1. University of Electro-Communications, Japan; 2. Hitachi-LG Data Storage, Inc., Japan

9:30 "High Speed and High Quality Imaging System by Novel Photonics Polymer"
Yasuhiro Koike / Keio University, Japan

9:45 Overview
Seizo Miyata (Program Officer, Japan Science and Technology Agency)

9:50 Coffee Break

Special Session "Innovation of Photonics Polymer -Material Changes the System-" (with Japanese+English simultaneous interpretation)

10:20 Moderator:

Yasuhiro Koike (Professor, Keio University)

Panelists:
Katsuhiro Shirai (Board Member of NTT Corporation, Former President of Waseda University)

Yukihiko Umehara (Board Member, Senior Executive Vice President & CTO & CIO, Nitto Denko Corporation)

Seizo Miyata (Program Officer, Japan Science&Technology Agency)

William Leggett (Google)

Blaise Olson (Google)

11:40 Closing Remarks
Toyohiko Yatajiri / Utsunomiya University, Japan

11:50 Lunch

13:00 Excursion

Poster Session (Tuesday, October 16, 2018 at 16:00)

P-01

Improvement of frequency characteristics by using variable mode control device for graded-index and step-index multimode fibers

Koji Horikoshi¹, Tadahisa Iikubo¹, Yasuhiro Hyukutake¹, Yoshitada Beppu¹, Ohkiro Sugihara²
1. Adamant Namiki Precision Jewel Co., Ltd., Japan; 2. Utsunomiya University, Japan

P-02

Generation of refractive index difference in copolymerized light-induced self-written optical waveguide using redox sensitization reaction

Ren Watanabe¹, Akira Kawai², Tatsuya Yamashita²
1. Adamant Namiki Precision Jewel Co., Ltd., Japan; 2. Toyota Central R&D Labs, Inc. Japan

P-03

A polymeric fiber optic point-of-care device for biomolecule detection

Alwyn S. Rajamani and V.V.R. Sastry / Indian Institute of Technology Madras, India

P-04

Laser-Driving-Current Dependence of Nonlinear Distortion Reduction Effect in Graded-Index Plastic Optical Fiber Link

Kenji Muramoto, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-05

Offset Launching for Ball-point-pen Interconnect of Graded-Index Plastic Optical Fiber

Tomotaka Yagi, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-06

Modulation-power Dependence of Transmitted TV Signal Quality for Low-noise Graded-index Plastic Optical Fiber Link

Ko Nishiyama, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-07

Transmission Quality Improvement Due to Spherical Aberration of Ball Lens for Laser Coupling into Graded-index Plastic Optical Fiber

Fumihide Kobayashi, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-08

Core-length Dependence of Noise Reduction Effects of Graded-index Plastic Optical Fiber

Takeru Akashi, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-09

Fiber-length Dependence of Depolarization Effect in Graded-index Plastic Optical Fiber with Strong Mode Coupling

Hikaru Suzuki, Azusa Inoue, Yasuhiro Koike / Keio University, Japan

P-10

High temperature electro-optic polymer using boron-doped carbon fiber

Alisa Barnason, Andrew Mark S. Shyu, Shih-Wei Yokoyama / Kyushu University, Japan

P-11

Optimization of Hybrid Silicon and Polymer EO Modulator for Wideband Application

Yiayi Cheng / National Taiwan University of Science and Technology, Taiwan

P-12

Study on mode filter to evaluate characteristics of optical transceiver for in-vehicle Gigabit Ethernet over plastic optical fiber

Satoshi Takahashi, Kohjiro Nakanishi, Tadashi Tadai, Kohjiro Nakanishi / Keio University, Japan

P-13

1. Sato Tokashiki, Kohjiro Nakanishi, Tadashi Tadai / Keio University, Japan

2. Kohjiro Nakanishi, Kohjiro Nakanishi, Tadashi Tadai / Keio University, Japan

Program

[Home](#) > [Program](#) > [Special Session](#)

Special Session “Innovation of Photonics Polymer -Material Changes the System-“

Date : Oct.17th (Wed) 10:20 ~ 11:40

Venue : Convention Hall of Hotel Beniya

Language: English and Japanese (Simultaneous Interpretation will be provided)

Panelists:



Katsuhiko Shirai

Board Member of NTT
Corporation, (Former President of
Waseda University)



Toshiyuki Umehara

Board Member, Senior Executive
Vice President & CTO & CIO,
Nitto Denko Corporation



Yukari Kaneko

Mayor, Suwa City



William Leggett

Google



Blade Olson

Google



Seizo Miyata

Program Officer, Japan Science
and Technology Agency

Moderator: Yasuhiro Koike (Professor, Keio University)

We will discuss how materials can contribute to systems with the theme “Innovation of Photonics Polymer ~Material Changes the System~” with distinguished panelists from industry, government and academia. We have invited special guests from Silicon Valley. We will hear Google’s recent activities and future vision as the world leading company. We will have a free discussion with panelists as well as audience.

Program

[Home](#) > [Program](#) > [Event info.](#)

Event Information

Banquet

Date : Oct.17 (Wed) Banquet

Venue : Convention hall "Ruby Hall" at 2nd Floor of Hotel Beniya

Fee : Free of charge

Excursion (Grand Shrine Suwa Taisha/Epson Monozukuri Museum/Masumi Sake Brewery)

Tentative Schedule

Date/Time : Oct.17th (Thursday) 14:00 – 18:00

Fee : ¥2500/person (Please pay in cash before departure.)

Reservation : Required. Please tick "yes" for excursion when registering for IWPP2018. Please note that it is on a first-come-first-served basis and will close accepting upon reaching its capacity (40 people).

Departure : 14:00 from Hotel Beniya (Please have your lunch by yourself before the departure.)

Suwa Taisha (Grand Shrine) Shimossa Akimiya

<https://www.japanvisitor.com/japan-temples-shrines/suwa-shrine-nagano>

Epson Monozukuri Museum

<https://global.epson.com/SR/communication/example.html>

Masumi Sake Brewery (including tasting)

<https://www.masumi.co.jp/english/company/gallery/>

Program

[Home](#) > [Program](#) > [Special Lectures on Oct.18th](#)

Special Lectures(Joint Event with Suwa Area Industrial Messe)

Date : Oct. 18 (Thu) 13:00 ~ 15:40 (12:30~Admission)
Venue : Suwa City Culture Center (5-12-18 Kogan-dori, Suwa, Nagano, 392-0027)
Sponsor : S-Innovation Program of Japan Science and Technology and Agency (JST)
Co-Sponsors : Suwa City
The Suwa Chamber of Commerce and Industry
The Japan Society of Applied Physics (JSAP)
SPIE
Fee : Free of charge
Registration : Please click "Yes" for Special Lectures on Oct.18 when registering for IWPPPI2018.
Language : Japanese (Simultaneous Interpretation from Japanese to English and Consecutive Interpretation from English to Japanese will be provided.)

<Program>

Greeting 13:00 ~ 13:15

Yukari Kaneko, Mayor of Suwa City

Special Lecture 13:15 ~ 13:55

“Innovation through Efficient, Compact and Precision Technology”
~Creating a New Connected Age of People, Things and Information~

Minoru Usui

President, Seiko Epson Corporation



Special Lecture 14:00 ~ 14:40

“Gradient-Index Optics and Concentrating Photovoltaics”

Duncan T. Moore

Rudolf and Hilda Kingslake Professor of Optical Engineering Vice Provost for Entrepreneurship, University of Rochester



Special Lecture 14:45 ~ 15:25

“TiO2 Photocatalysis to Contribute Comfortable Atmosphere”

Akira Fujishima

Distinguished Professor, Former President, Tokyo University of Science



Closing 15:30 ~ 15:40

[PAGETOP](#)

Program

[Home](#) > [Program](#) > [For Poster Presenters](#)

Instruction for Poster Presenters

All speakers are required to register for participation in IWPPI.

Session Room

Main Lobby (1F) or Convention Hall Lobby (2F)

Poster Board

IWPPI organizing committee will supply a poster board of the following size.

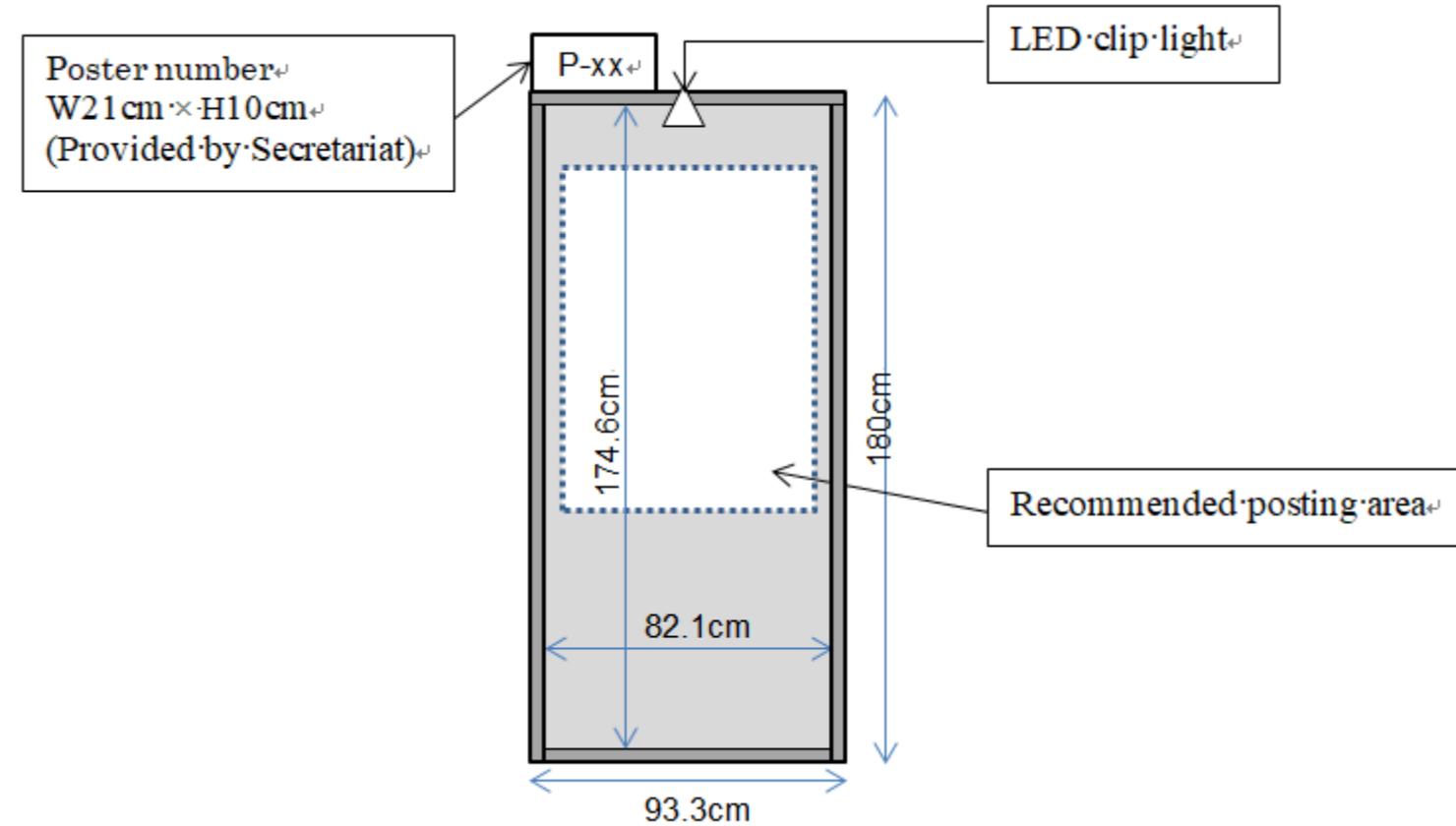
Size: **Width 93.3cm x Height 180cm**

The inside dimension: **Width 82.1cm x Height 174.6cm**

Recommended posting area: **B1 size (Width 73cm x Height 112cm)**

Poster Number: **Width 21cm x Height 10cm**

Posters should be displayed on the boards using adhesive material distributed in the Poster Session area. No pushpins are permitted on the boards.



Poster Set-up Presentation Schedule

Poster Set-up: Monday, Oct. 15, 11:00-13:00

Presentation: Tuesday, Oct. 16, 16:20-18:00

Obligation time: 16:20-16:55 (odd number posters)

17:10-17:45 (even number posters)

Poster Removal: Wednesday, Oct. 17 13:00-17:00

During the assigned obligation time, authors have to remain in the vicinity of their poster board and answer questions. Please note that no electricity or audiovisual equipment will be supplied for poster presentations.

Authors are also responsible for setting up and removing their poster. The organizing committee is not responsible for the loss of the poster after the removal time. Please note that the remaining posters will be disposed.

Speakers

[Home](#) > [Speakers](#)

Plenary Speakers



Duncan T. Moore
University of Rochester, USA



Nasser Peyghambarian
The University of Arizona, USA

Special Session “Innovation of Photonics Polymer ~Material Changes the System~”

Panelists



Katsuhiko Shirai
Board Member of NTT
Corporation, Former President of
Waseda University



Toshiyuki Umehara
Board Member Senior Executive
Vice President & CTO & CIO,
Nitto Denko Corporation Nitto
Denko Corporation



Yukari Kaneko
Mayor, Suwa City



Seizo Miyata
Program Officer, Japan Science
and Technology Agency



William Leggett
Google



Blade Olson
Google

Invited Speakers

Bruno Ameduri (Ingénierie et Architectures Macromoléculaires Institut Charles Gerhardt, France)

Chantal Andraud (École Normale Supérieure de Lyon, France)

André-Jean Attias (Université Pierre-et-Marie-Curie, France)

Kin Seng Chiang (City University of Hong Kong, China)

Ray T. Chen (The University of Texas, USA)

Vera Cimrova (The Czech Academy of Sciences, Czech)

Daniel Citterio (Keio University, Japan)

Kishan Dholakia (University of St. Andrews, Scotland)

James Grote (Wright Patterson Air Force Base, USA)

Ken Y. Hsu (National Chiao Tung University, Taiwan)

Eunkyong Kim (Yonsei University, Korea)

Mark G. Kuzyk (Washington State University, USA)

Kwang-Sup Lee (Hannam University, Korea)

Jean-Michel Nunzi (Queen's University, Canada)

Ileana Rau (POLITEHNICA University of Bucharest, Romania)

Hynd Remita (CNRS-Université Paris-Sud, France)

Ifor Samuel (University of St. Andrews, UK)

Ken Singer (Case Western Reserve University, USA)

Kien Truong (Boeing Commercial Airplanes, USA)

Hiromasa Yamashita (Kairos Co., Ltd, Japan)

Joseba Zubia (University of the Basque Country, Spain)

Bin Cai (University of Shanghai Science and Technology, China)*

Chih-Chia Cheng (National Taiwan University of Science and Technology, Taiwan)*

Jun Wang (Shanghai Institute of Optics and Fine Mechanics, China)*

Priastuti Wulandari (Institute Teknologi Bandung, Indonesia)*

*Asian Young Invited by Epson International Scholarship Foundation

Proposal from “Photonics Polymer Project” in S-Innovation Program

Kozoh Hakuta (University of Electro-Communications, Japan)

Okihiko Sugihara (Utsunomiya University)

Eiji Yoda (JXTG Nippon Oil & Energy Corporation)

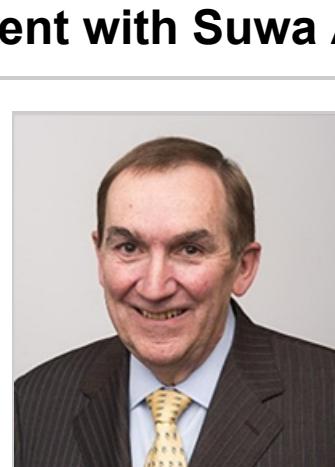
Toyohiko Yatagai (Utsunomiya University, Japan)

Yasuhiro Koike (Keio University)

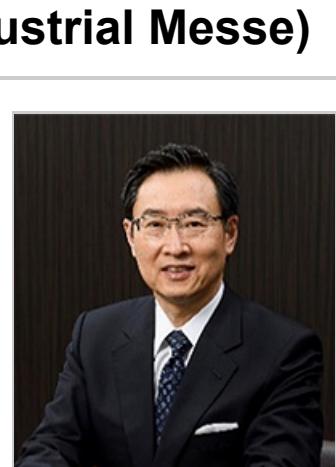
Special Lectures (Joint Event with Suwa Area Industrial Messe)



Akira Fujishima
Distinguished Professor,
Former President,
Tokyo University of Science,
Japan



Duncan T. Moore
Professor,
University of Rochester, USA



Minoru Usui
President,
Seiko Epson Corporation, Japan

Registration

[Home](#) > [Registration](#)

General	JPY 60,000 from Sept 16(JPY 55,000 until Sept 15)
Students	JPY 20,000 from Sept 16(JPY 15,000 until Sept 15)

Conference Registration Includes:

- Admission to all conference sessions
- Admission to the Exhibition
- Admission to Special Lectures (Joint Event with Suwa Area Industrial Messe on 10/18)
- Conference Proceedings

Hotel fee is not included. Please book your hotel by yourselves. ("Hotel Info." page is [here](#).)

Special Events

- Participants are invited to the banquet scheduled on Oct.16.
- Excursion fee is JPY2,500 per person (Optional, Reservation is required.)

*To qualify for Student Registration rate, you must be a full-time student in an accredited university. Please submit a copy of valid ID (student card or official letter) to Secretariat of IWPP2018 by e-mail within two business days of registration completion.

Payment

We only accept payment by credit card, such as VISA, Master Card, American Express, Diners Club International and JCB.

Cancellation / Refund Policy

For cancellation after registration, it is required to inform Secretariat of IWPP2018 by email.
Requests for refunds must be received by Sept. 28, 2018; all registration fees will be forfeited after this date.

Visa Support

Attendees should check if you are required to apply for a visa to enter Japan on the [website of Minister of Foreign Affairs of Japan](#).
If your country is not exempted from visa application on the above website, please kindly state your need of visa support on the online registration form.
We will send you the necessary documents for visa application.

Indispensable condition of the visa support:

- *1. You have completed online registration.
- *2. Your registration fee has been paid.

* Please note that if any of these requirements is not met, the visa support cannot be accepted.

* Visa applications should be made at least one month before the intended travel dates. We strongly suggest you to inform us your request of visa application as soon as possible.

[Registration](#)

[PAGETOP](#)

Exhibition

Home > [Exhibition](#)

IWPP12018 Exhibition Application Guidelines

We are soliciting many groups and institutions to present their research results and new products at IWPP12018 exhibition. If you wish to participate, please refer to this guidelines and fill out an application form, and send it to IWPP12018 Secretariat by Aug. 31st. We are looking forward to your participation.

IWPP12018 Exhibition Outline

Schedule

Period : October 15th (Mon) 13:00 ~ October 17th (Wed) 13:00
(Exhibition tour Oct. 15th 17:30~19:00)

Carry-in/Preparation : October 15th (Mon) 9:00~13:00

Removal/Carry-out : October 17th (Thu) 13:00~17:00

* For more details, IWPP12018 Secretariat will notify.

Venue

Hotel Beniya
2-7-21 Kogan Dori, Suwa-City, Nagano Prefecture, 392-0027, Japan
TEL.+81-266-57-1111

Exhibition Fee

100,000 yen / booth. Fee includes a complete set of exhibition standards and a privilege of a free IWPP12018 participation. We will send an invoice at a later date, so please pay accordingly.

How to apply

Please fill out an application form (Excel) which you can download from below and send it to IWPP12018 Secretariat along with logo data by August 31st, 2018. Please indicate "IWPP12018 exhibition application" in the subject of the e-mail.

Download Application Form here

 English  Japanese

Exhibition hall

Main Lobby (Ground floor) and Convention Hall Lobby (2nd floor).
Booth layout will be determined by lottery after confirming the number of exhibitors and will be announced.

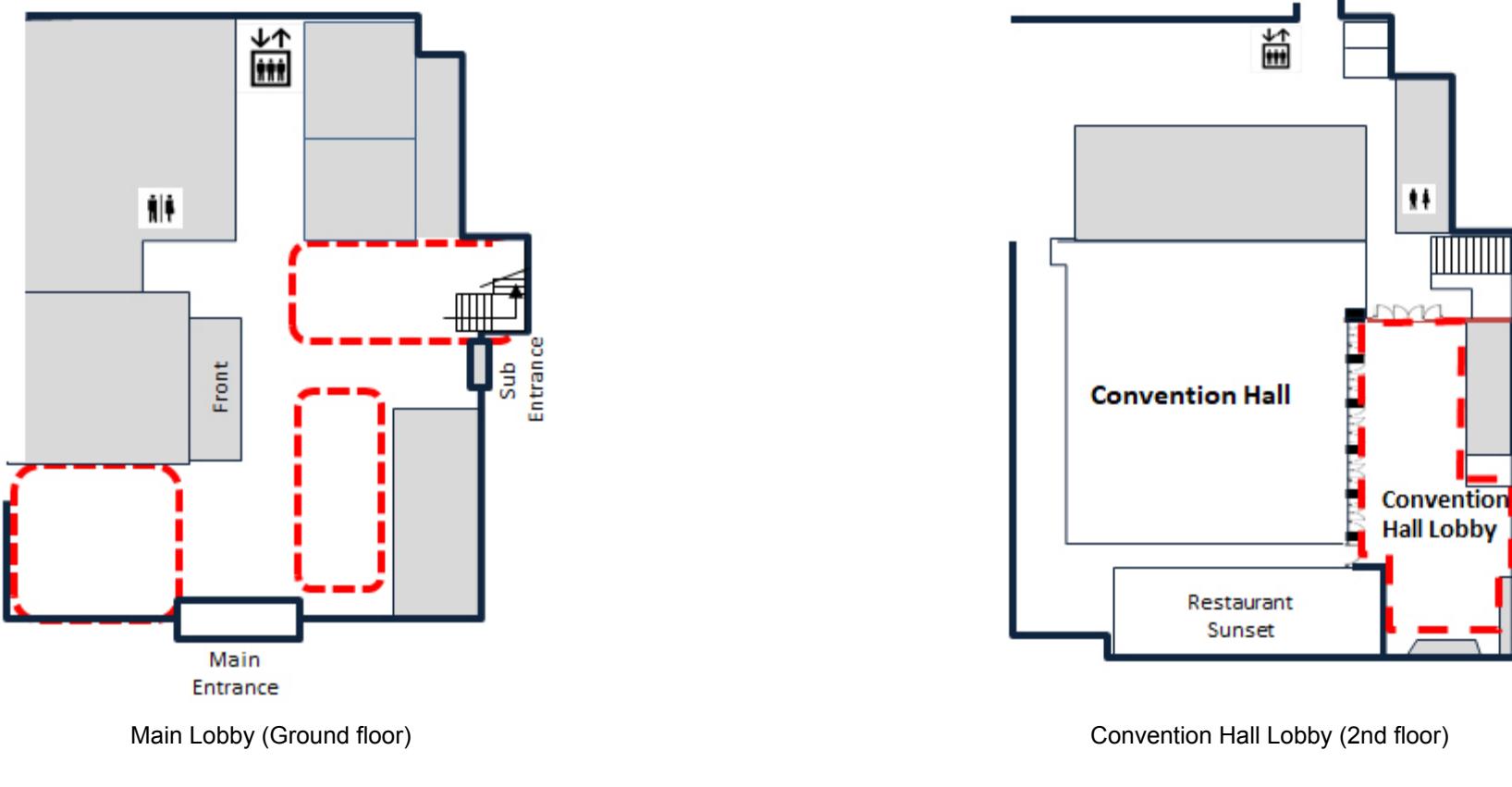


Exhibit Booth Specifications

Standard specification

Back Panel : W90cm X H180cm X 2 pieces to be connected

Display Table : W180cm X D60cm X H70cm with white cloth

Exhibitor Nameplate : W70cm X H20cm (Normal Font)

LED Clip light : 1 piece

Power supply : 100 V, MAX 200 W, single phase outlet

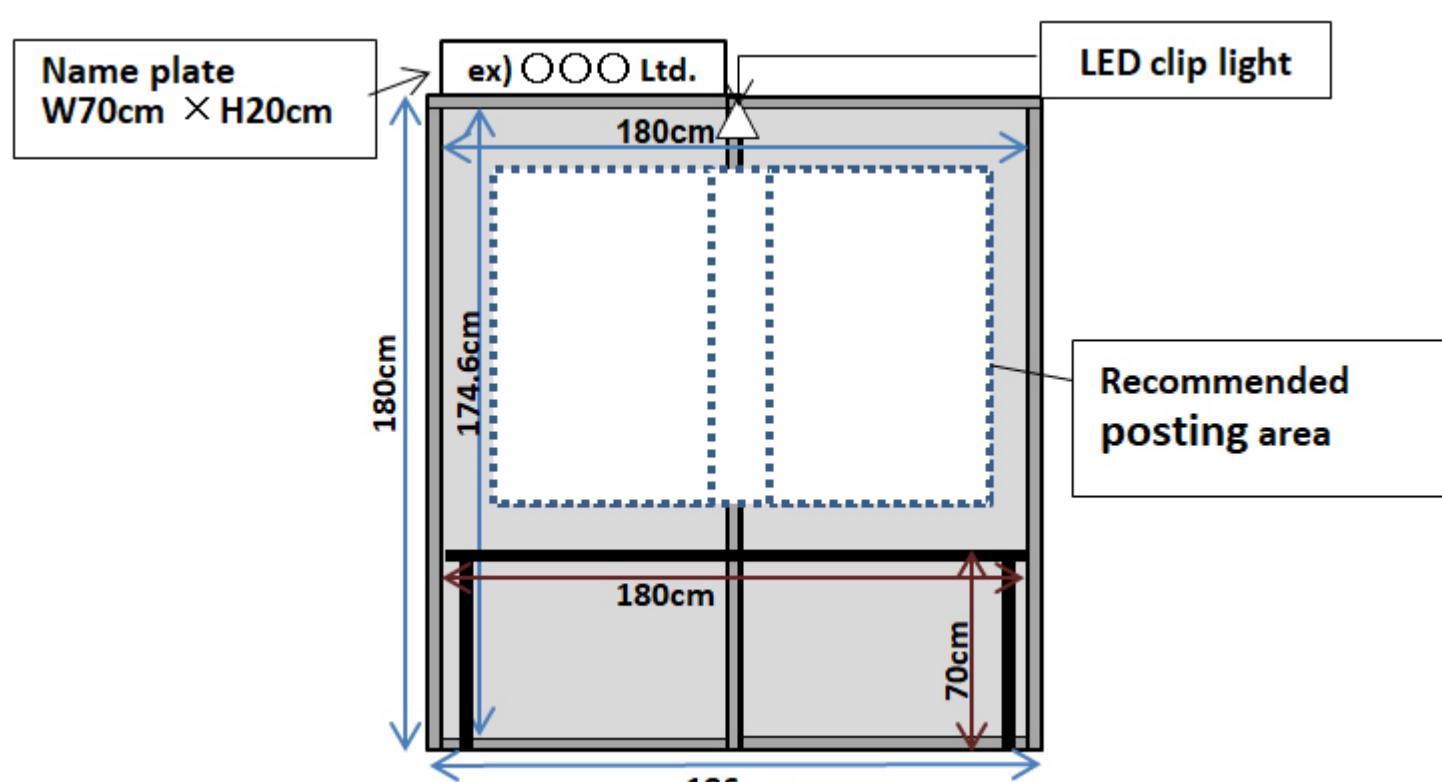
There is a space under the table which can be used for storage.

Poster area

Space for A1 vertical poster (W 59.4cm x H84.1cm) x 2 pieces or Space for A0 Horizontal poster (W118.9cm x H84.1cm) x 1 piece

*Use adhesive tapes for back panel.

*Please prepare the posters by yourselves. Language should be prepared in English.



Additional Fixtures

If you need additional fixtures such as more power supply, catalog rack, chair, etc, please fill in the application form. Please note that additional fixtures may cost extra.

Exhibits Control

The exhibitors are requested to take sufficient measures of their own prevention against any accidents or troubles. The exhibitors are recommended to obtain the correct and proper insurance covered against all risks arising from any losses.

Travel and Accommodation expenses

Travel expenses and accommodation expenses of exhibitors are to be borne by each person. You can make a reservation from [accommodation page](#) of IWPP12018.

[Application / Inquiries]

IWPP12018 Secretariat : iwppi@kpri.keio.ac.jp

◆展示申込書				
☆本申込書にご記載いただきました情報は、事務局からIWPP2018 Exhibitionに関するご連絡をさせていただくために利用致します。 また、お送りいただきますロゴデータはIWPP2018の広報用に利用致します。				
項目	注意事項など		記入欄（日本語）	記入欄（英語）
出展者情報	機関名	※日本語および英語で併記いただきますようお願い致します。 ※IWPP2018のご連絡先情報としてのみ使用します。		
	ご担当者様 所属・役職			
	ご担当者様 氏名			
	電話番号			
	Email			
展示情報	展示タイトル	※日本語および英語で併記いただきますようお願い致します。 日本語 100字程度、英語 50words程度		
	共同研究者	例)○○○○(△△大学院XX研究室 准教授) □□□□(▽▽ Corp. XX Department Manager)		
	展示概略	展示内容を広報媒体に記載させていただきます。 ※日本語および英語にて記載をお願い致します。 日本語 300字以内、英語 50words以内		
展示物	展示物-1- 名称			
	展示物サイズ 幅×奥行×高さ(cm)、重さ(kg)	展示用机のサイズは180(W)×60(D)×70(H)cmです。 展示物サイズ、 幅●●(W)×奥行●●(D)×高さ●●(H)cm、重さ●●kg 会期中の夜間、施錠された場所での保管が必要な場合は、 「夜間施錠場所保管が必要」とご記載ください。		
	電源容量:v/w(コンセント口数)	標準100V/max200W 必要電源容量: ●●●V/●●W、コンセント数●個 特殊なコンセント形状が必要な場合は、ご記入ください。 (例:アース付ソケットタイプ 等) ※標準以上の電気容量およびコンセント形状等をご希望の 場合は、別途費用が掛かる可能性がございます。 ※電源が不要の場合には、「不要」とご記載ください。		
	展示物-2- 名称	展示物が3点以上の場合は、 欄をコピーしてご使用ください。		
	展示物サイズ 幅×奥行×高さ(cm)、重さ(kg)			
電源容量:v/w(コンセント口数)				
要望	展示に関するご要望	オリジナル展示台の持込、展示台奥行きの追加等、特別な ご要望がございましたら事前にお知らせください。		椅子 追加照明 SP__脚 SP__灯
搬入	車両による搬入の有無	車両使用 有 (到着予定日時__日__時頃) · 無		
IWPP展示付帯枠	参加権利者(1名) 氏名(所属・役職)	例)○○○○(△△大学院XX研究室 助手)		
請求書	宛先			
	送付先	担当者と異なる場合はご記入ください。		

☆ ご出展者様の機関のロゴをIWPP2018広報媒体に掲載させていただきます。
ロゴデータもお送りいただきますようよろしくお願い致します。

機関ロゴ	ロゴデータ	<ロゴデータご提供のお願い> 以下データを本申込書とともにiwppi@kpr.keio.ac.jpへご提出いただきますようお願い致します。 ①ロゴデータ(英語版) 2種・イフストレーナ(拡張子eps・ai等)あるいは、300dpi以上のイメージデータ(拡張子jpg・psd等) ②ロゴ規程(ある場合)		

◆Application form for IWPP2018 Exhibition

The information you enter in this application form will be used by IWPP Secretariat to contact you regarding IWPP2018 Exhibition. In addition, we will use logo data for publicity of IWPP2018.

Item		Entry field	Notes
Exhibitor Information	Name of Contact Person		
	Name of Organization		
	Position		
	Telephone		
	E-mail		
Exhibit Outline	Title of the Exhibit		ENGLISH : approx. 50words
	Collaborative Researchers		Example: ○○○○(△△ University XX laboratory associate prof.)
			□□□□(▽▽ Corp. XX Department Manager)
	Exhibition Summary		Brief summary of the exhibit contents. ENGLISH: within 150words The summary will be used as a publicity medium of the IWPP exhibition.
Exhibits	Title of Exhibit 1		
	Exhibit size Width × Depth × Height (cm) and Weight (kg)		Display Table Size: 180(W) × 60(D) × 70(H) cm with a white cloth If you need to store items in a locked place over night during IWPP2018, please state so in the column.
	Required Electric Power: v/w and number of outlets Example: 100 v / 500 w (1 outlet) Example: One twisted type with grounding) ※There is no 3 or 4 outlets.		Standard set includes electric power 100v/max 200w If you need additional electricl power or a special type of outlet, please fill in what you need in the column. Please note that the cost for extra items will be charged in addition to the standard fee.
	Title of Exhibit 2		If your exhibits are more than three, copy and use these columns.
	Exhibit size Width × Depth × Height (cm) and Weight (kg)		
	Required Electric Power: v/w and number of outlets Example: 100 v / 500 w (1 outlet) Example: One twisted type with grounding) ※There is no 3 or 4 outlets.		Standard set includes electric power 100v/max 200w If you need additional electricl power or a special type of outlet, please fill in what you need in the column. Please note that the cost for extra items will be charged in addition to the standard fee.
Requests	Requests concerning exhibition		Please fill in your request in the entry field if there are any special requests such as chair, extra depth size for the display table, bringing in your own desk, etc. Please note that additional fixtures may cost extra.
Carrying in Exhibits	Please notify in advance if you carry in exhibits by car/truck.		

Privilege of One IWPP2018 Participation	Information on the Participant using the Privilege	Name: Affiliation: Position: E-mail:	
Invoice	To		Fill in if different from the contact person above.
	Address and E-mail		
Institution Logo	<p>Please send logo data (in English) of your institution with this application form. If you do not have an English version, please state so in the e-mail. An illustrator data (extension eps · ai etc.) or image data of 300 bpi or more (extension jpg · psd etc.) are prefered . Please also attach a PDF data for confirming colors. Provided data will be used only for the publicity of IWPP2018.</p>		

General Information

Home > General Information

Conference Information

Workshop on Photonics Polymer for Innovation

Date : Oct. 15 (Mon) – 17 (Wed), 2018
Venue: Hotel Beniya (2-7-21 Kogan-dori, Suwa, Nagano, 392-0027)

Special Lectures (Joint Event of Suwa Area Industrial Messe and IWPP2018)

Date : Oct. 18 (Thu) 13:00~15:40 (12:30~Admission)
Venue: Suwa City Culture Center (5-12-18 Kogan-dori, Suwa, Nagano, 392-0027)
Language: Japanese (Simultaneous Interpretation from Japanese to English will be provided.)

Access

Hotel BENIYA
2-7-21 Kogan-dori, Suwa, Nagano,
392-8577 Japan

Suwa City Culture Center
5-12-18 Kogan-dori, Suwa, Nagano,
392-0027 Japan

Suwa Tourist Information :
<http://www.suwakanko.jp/en/access/>



Nearest International Airport: Haneda Airport and Narita Airport

From Narita Airport

Take the JR Narita Express to Shinjuku Station.
From Shinjuku Station to Kami-suwa, by JR Chuo Main Line.

Narita Express "N'EX"
<http://www.jreast.co.jp/e/nex/index.html>

From Haneda International Airport

Take the Keikyu Line or Tokyo Monorail to Shinjuku Station.
From Shinjuku Station to Kami-suwa, by JR Chuo Main Line.

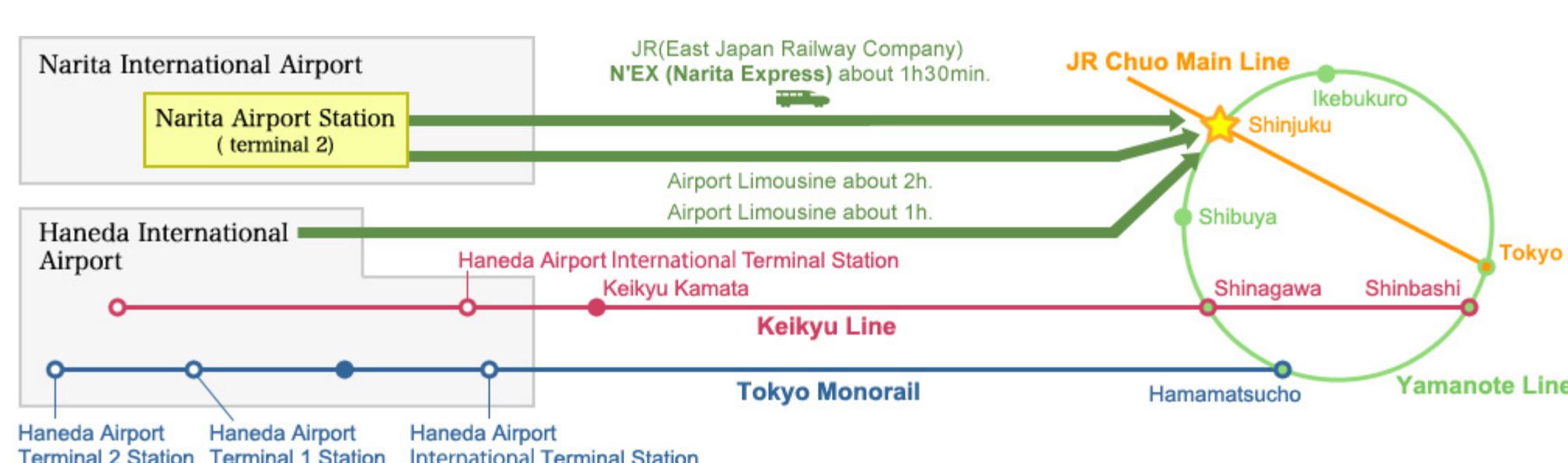
From Haneda Airport to Shinjuku Station
<http://www.haneda-airport.jp/inter/en/access/train.html>
http://www.tokyo-airport-bldg.co.jp/en/access/train/route_map.html

By Airport Limousine

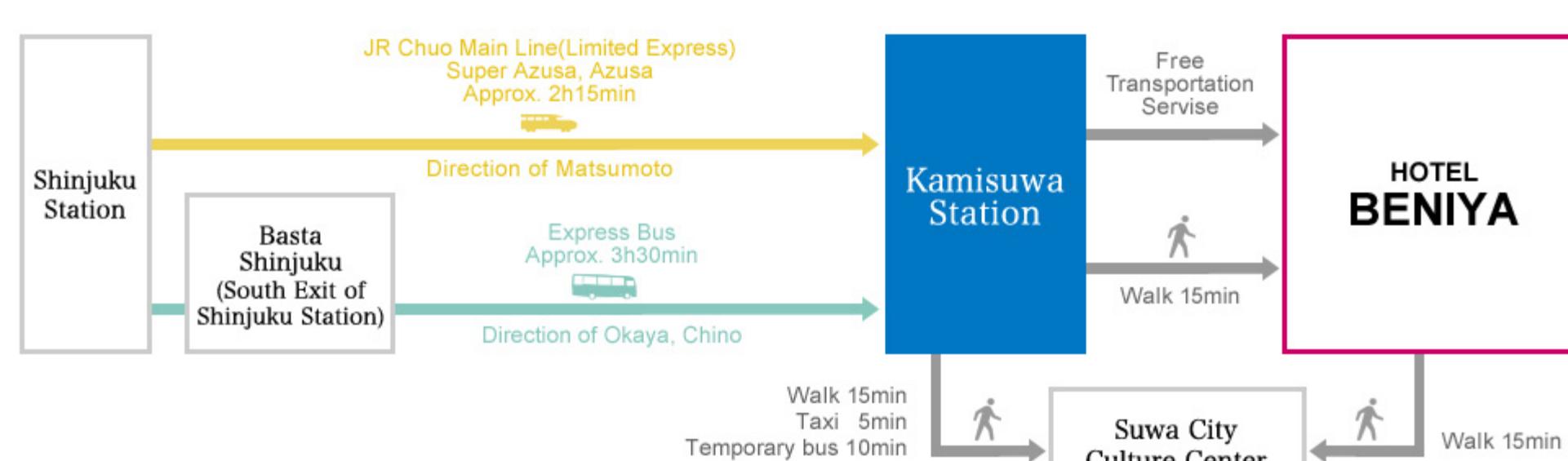
From Narita Airport to Shinjuku Station
https://www.limousinebus.co.jp/en/areas/bus_stop/nrt/shinjuku/dep/212/

By Airport Limousine

From Haneda International Airport to Shinjuku Station
<https://www.limousinebus.co.jp/en/areas/detail/hnd/shinjuku/dep>



From Shinjuku Sta. to IWPP2018 venue "Hotel BENIYA"



Contact

Secretariat of IWPP2018
E-mail : iwppi@kpr.kyoto-u.ac.jp

Hotel Information

[Home](#) > [Hotel Information](#)

The IWPP12018 provides attendees special offers to experience a comfortable stay at Hotel Beniya (IWPP12018 venue) and RAKO Hananoi Hotel at reasonable prices. If you wish to stay at either hotel, please make your reservation from websites below carefully checking dates, number of guests, meals (with/without breakfast, with/without dinner). We recommend you to make your reservation as soon as your trip is planned as special offers are served on a first-come first-served basis, and it is a high season in Suwa in October.

<Recommended Hotels>

[Hotel Beniya \(IWPP12018 venue\)](#)

[Reservation](#)

10 minutes walk from Kamisuwa Station of JR Chuo Line

Free shuttle bus service is available from Kamisuwa Station East Exit to Hotel Beniya on arrival of Azusa (Limited Express).

[Rako Hananoi Hotel](#)

[Reservation](#)

10 minutes walk from Kamisuwa Station of JR Chuo Line

Free shuttle bus service is available from Kamisuwa Station to Rako Hananoi Hotel on your request. (reservation)

* Free shuttle buses between Hotel Beniya ↔ Rako Hananoi Hotel are available during Oct. 15 (Mon) afternoon – 17 (Wed).

<Other Hotels and Ryokans (Japanese Style Hotels)>

There are many other hotels and ryokans (Japanese style hotels) around IWPP12018 venue. You can also experience different types of accommodation.

[① Hamanoyu](#)

4 minutes walk from Kamisuwa Station
6 minutes walk from IWPP1 venue

[② Hotel Saginoyu](#)

6 minutes walk from Kamisuwa Station
4 minutes walk from IWPP1 venue

[③ Suwako Hotel](#)

7 minutes walk from Kamisuwa Station
5 minutes walk from IWPP1 venue

[④ Nunohan](#)

7 minutes walk from Kamisuwa Station
3 minutes walk from IWPP1 venue

[⑤ Hotel Route Inn Kamisuwa](#)

4 minutes walk from Kamisuwa Station
6 minutes walk from IWPP1 venue

[⑥ Suwa Lakeside Hotel](#)

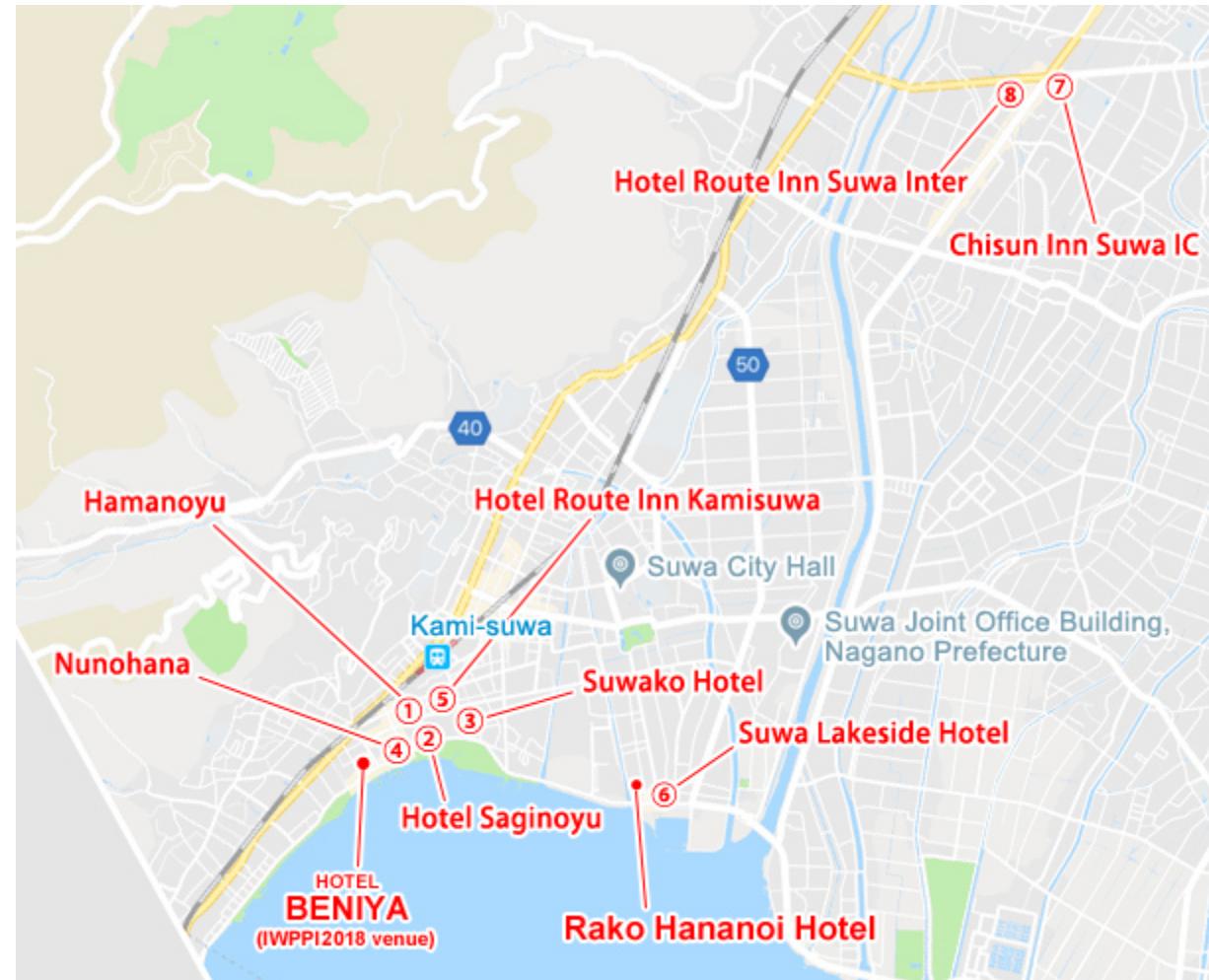
17 minutes walk from Kamisuwa Station
18 minutes walk from IWPP1 venue

[⑦ Chisun Inn Suwa IC](#)

14 minutes by car from Kamisuwa Station
10 minutes by car from IWPP1 venue

[⑧ Hotel Route Inn Suwa Inter](#)

14 minutes by car from Kamisuwa Station
10 minutes by car from IWPP1 venue



Organizing Committee

[Home](#) > [Organizing Committee](#)

IWPPPI2018 Organizing Committee



Honorable Chair:
Seizo Miyata
Program Officer, Japan
Science&Technology Agency



General Co-Chair:
Toyohiko Yatagai
Utsunomiya University, Japan



General Co-Chair:
Yasuhiro Koike
Keio University, Japan



Program Co-Chair:
Okihiro Sugihara
Utsunomiya University, Japan



Program Co-Chair:
Masatoshi Tokita
Tokyo Institute of Technology,
Japan

International Advisory Committee (alphabetical order)

Bruno Ameduri (Ingénierie et Architectures Macromoléculaires Institut Charles Gerhardt, France)

Chantal Andraud (École Normale Supérieure de Lyon, France)

André-Jean Attias (Université Pierre-et-Marie-Curie, France)

Janglin Chen (Display Technology Center/ITRI, Taiwan)

James Grote (Wright Patterson Air Force Base, USA)

Ken Y. Hsu, (National Chiao Tung University, Taiwan)

Eunkyong Kim (Yonsei University, Korea)

Bernard Kippelen (Georgia Institute of Technology, USA)

Iam Choon Khoo (Pennsylvania State University, USA)

Mark G. Kuzyk (Washington State University, USA)

Isabelle Rak Ledoux (École Normale Supérieure de Cachan, France)

Kwang-Sup Lee (Hannam University, Korea)

Duncan Moore (University of Rochester, USA)

Jean-Michel Nunzi (Queen's University, Canada)

Wolfgang Osten (Stuttgart University, Germany)

Nasser Peyghambarian (The University of Arizona, USA)

Ileana Rau (University Politehnica of Bucharest, Romania)

Ifor Samuel (University of St. Andrews, UK)

Ken Singer (Case Western Reserve University, USA)

Joseba Zubia (University of the Basque Country, Spain)

Joseph Zyss (École Normale Supérieure de Cachan, France)

Program Committee (alphabetical order)

Program Co-Chair: **Okihiro Sugihara** (Utsunomiya University, Japan)

Program Co-Chair: **Masatoshi Tokita** (Tokyo Institute of Technology, Japan)

Daisuke Barada (Utsunomiya University, Japan)

Bin Cai (University of Shanghai for Science and Technology, China)

Ryushi Fujimura (Utsunomiya University, Japan)

Takashi Fukuda (National Institute of Advanced Industrial Science and Technology (AIST), Japan)

Azusa Inoue (Keio University, Japan)

Tomohiro Kita (Waseda University, Japan)

Lusi Safriani (Padjadjaran University, Indonesia)

Tsutomu Shimura (University of Tokyo, Japan)

Hiroshi Takizuka (Keio University, Japan)

Tatsuya Yamashita (Toyota Central Research and Development, Japan)

Shiyoji Yokoyama (Kyushu University, Japan)

Steering Committee

Eiji Yoda (JXTG Nippon Oil & Energy Corporation)

Tadamasa Fujimura (Vision Development CO.,LTD)

Keisuke Murata (Central Glass Co., Ltd.)

Yukinobu Tada (Hitachi-LG Data Storage, Inc.)

Tomohiro Kikuta (Adamant Namiki Precision Jewel Co., Ltd.)

Hideyuki Nawata (Nissan Chemical Industries, Ltd.)

Akihito Mitsui (Mitsubishi Pencil Co., Ltd.)

Koichiro Yoshimura (HONDA TSUSHIN KOGYO CO., LTD.)

Mitsuhiko Mizuno (DENSO CORPORATION)

Nobuyuki Ishihara (ISHIHARA SANGYO Co., Ltd.)

Akiharu Miyanaga (NS Materials Inc.)

Hiroaki Suzuki (ARIOS Inc.)

Makoto Morinaga (The University of Electro-Communications)

Michihiko Odate (City of Suwa)

Yoshinobu Asakura (Nittoh Inc.)

Sponsors

[Home](#) > [Sponsors](#)

Sponsored by:



S-Innovation Program of Japan Science and Technology Agency (JST)

Co-sponsored by:



Suwa City



The Suwa Chamber of Commerce & Industry



The Japan Society of Applied Physics (JSAP)



The International Society for Optics and Photonics (SPIE)

In cooperation with:



Japan Science and Technology Agency (JST)



The Society of Polymer Science, Japan (SPSJ)



The Chemical Society of Japan (CSJ)



The Institute of Electronics, Information and Communications Engineers (IEICE)



The Optical Society of Japan (OSJ)



Optoelectronics Industry and Technology Development Association (OITDA)



POF Consortium



Japan Science and Technology Agency(JST)



Suwa City



The Suwa Chamber of Commerce & Industry



The Takano Eiichi Optical Science Funds

Financially supported by:



EPSON INTERNATIONAL SCHOLARSHIP FOUNDATION

SHINKO REAL ESTATE CO., LTD.

Coffee Sponsors

IWPPI is looking for sponsors for coffee which will be served during IWPPI2018.

Sponsorship for Coffee: JPY30,000 /company.

In return, your company's name/logotype will be displayed at the coffee corner.

For applying, please contact IWPPI Secretariat (iwppi@kpri.keio.ac.jp).

★We are also looking for financial sponsors of any kind to make the better conference.

If you are interested to support us, please contact IWPPI Secretariat (iwppi@kpri.keio.ac.jp).