

Announcement of the 2010 Autumn Meeting

I. Meeting Information

1. Date

October 27 (Wednesday) – 29 (Friday), 2010

2. Venue

Kyoto TERRSA
70 Higashikujo-Shimotonoda-cho, Minami-ku
Kyoto, 601-8047, Japan
(Shinmachi Kujo, Kyoto Citizen's Amenity Plaza)
<http://www.kyoto-terrsa.or.jp/floormap.html>

3. Presentations

Submission of presentations related to scientific results of meteorological research is encouraged. For presentation details, please refer to "IV. Guidelines for Presentations".

4. Meeting schedule

The following is the scheduled program for the meeting:

Day 1 (October 27)

Morning: oral presentations

Afternoon: oral and poster presentations

Day 2 (October 28)

Morning: oral presentations

Afternoon: award ceremony, commemorative lectures by award recipients, and banquet

Day 3 (October 29)

Morning: oral and poster presentations

Afternoon: oral presentations

5. Symposium

The symposium is scheduled to take place on the afternoon of Day 2 (October 28). The theme of the symposium is "Vertical interaction in various interface regions of the atmosphere".

6. Banquet

The banquet will take place at Conference Room (Large) in Kyoto TERRSA in the evening of Day 2 (October 28).

7. Meeting website

The meeting website (<http://wwwsoc.nii.ac.jp/msj/>) in Japanese has been launched to accept applications and to disseminate information about the meeting, as well as any update to the program. Registration procedures can also be found at the website.

II. How to Register

1. Registration method for presenters

As a general rule, registration and abstract submission can only be made on-line. However, if this is not possible for some reason, registration by mail will be acceptable.

Please note that your registration and registration fee payment have to be completed before you are eligible to give your presentation(s).

1.1 On-line registration

- Deadline: 3 pm (Japan Standard Time) on Tuesday, July 20, 2010. (The on-line registration website will be available for access on Tuesday, June 15.)
- Refer to the meeting website and follow the instructions on the website.
- Enter your personal information and login ID at the meeting website. After you have done this, a password will be issued. (Please note that the password used in previous meetings is no longer valid. We appreciate your understanding and apologize for the inconvenience, but please re-enter your personal information and ID to obtain a new password.) With the ID and password, log on to the system to register for the meeting, apply for a presentation, submit your abstract, and pay meeting fees.
- Presenters are requested to register their own personal information. Presenters are not allowed to submit an application for presentation with a name and affiliation different from those used in registering their personal information.
- Meeting registration and fee payment (credit card payment) must be completed prior to the submission of your application for a presentation. If your meeting registration and fee payment are incomplete, we cannot accept your presentation

application.

- For on-line payment, we can accept credit card payment even if the cardholder's name is different from the name registered in your personal information.
- Submit your abstract on the meeting website. We can only accept the abstract in PDF format (maximum allowable size: 1MB).
- Until the presentation application deadline (Tuesday, July 20), you can modify at the website any information you have already submitted, such as your registration information and abstract. Please note, however, that you cannot cancel your presentation application.

1.2 Mail-in registration (Inside Japan only. This form of registration is accepted only under extreme unavoidable circumstances.)

- Deadline: No later than Tuesday, July 13, 2010.
(Please note that the mail-in deadline is one week earlier than the on-line deadline.)
- Send the following three items to "Head Office of the Annual Meetings Oversight Committee" (see below for the address).

1. Abstract.
2. Presenter's name (both in Japanese characters, if applicable, and roman alphabet), membership number, presentation type (oral / poster), contact information (address, phone number, and email address), the presentation title, main and sub keywords, and required audio-visual equipment for the presentation (any format is acceptable).
3. Payment receipt for postal money transfer (refer to the next section).

Mailing address:

Head Office of the Annual Meetings Oversight Committee of the Meteorological Society of Japan

c/o Forecast Research Department

Meteorological Research Institute

1-1 Nagamine

Tsukuba, Ibaraki 305-0052, Japan

(Please write "Presentation Application" in red letters on the front of the envelope.)

- Prior to submitting your presentation application, please send your payment for the meeting fees by postal money transfer with the following information:
- Account number: 00130-3-5958

Name on the account: 日本気象学会 (This must be written in Japanese.)

- In the “space for correspondence”, provide the following information:
 1. “Registration application for the 2010 autumn meeting.”
 2. Membership number (if not a member, please indicate “non-member.”)
 3. Participation classification: “Presenter A” or “Presenter B” (see Section 3.1)
 4. Amount for the meeting registration fee
 5. Amount for the banquet fee
 6. Total amount
 - In the section “address and name of the payer,” please make sure to provide your address, name, and phone number.
 - The presenter is responsible for the processing fee for the postal money transfer.
- Thank you for your understanding and cooperation.

1.3 Presentation cancellation policy

- After your presentation application has been submitted, you cannot withdraw your presentation. The meeting and banquet fees cannot be refunded even if you are unable to give your presentation or attend the meeting due to unavoidable circumstances.
- In case the presenter cannot give his/her presentation but allows for a substitute presenter, please contact the Annual Meetings Oversight Committee (kouenkikaku2010a@metsoc.jp).

2. Registration procedure for non-presenters (attendance only)

Registration and other fees can be made using one of the following methods below. In order to expedite the process, we request pre-registration online via the meeting website. Exception will be allowed only under extreme unavoidable circumstances.

2.1 On-Line registration

Register online at the meeting website and complete your registration payment by Tuesday, September 7, 2010 (credit card payment only).

2.2 Mail-In registration (Inside Japan only. This form of registration is accepted only under extreme unavoidable circumstances.)

- Registration fee needs to be made by postal money transfer by Tuesday, August 31, 2010.
 - Account number: 00130-3-5958

Name on the account: 日本気象学会 (This must be written in Japanese.)

- In the “space for correspondence”, provide the following information:

1. “Registration application for the 2010 autumn meeting.”
2. Participation Classification: “Attendance only”
3. Amount for the meeting registration fee
4. Amount for the banquet fee
5. Total amount

- In the section “address and name of the payer,” please make sure to provide your address, name, and phone number.

- The meeting attendee is responsible for the processing fee for the postal money transfer. Thank you for your understanding and cooperation.

2.3 On-Site registration

One can also register on-site during the days of the meeting. However, please note that the on-site registration fee is at a higher rate than the pre-registration fee.

3. Registration and Banquet Fees

3.1. Meeting registration fee

- Refer to the following table to identify your meeting registration fee (sales tax included).

Meeting registration fee		
Classification	Advance Payment	On-Site Payment
Presenter A	8,000 yen	-
Presenter B	5,000 yen	-
Attendee	3,000 yen	4,000 yen

- Presenter Classification
Presenter A: presenters who are affiliated with research institutes and universities (except for undergraduate and graduate students).
- Presenter B: presenters who do not meet the criteria for Presenter A.

3.2. Banquet fee

- Banquet fees (sales tax included) are listed in the table below. The fees are made affordable to encourage many to attend and to provide an opportunity for interactions among the participant.

Banquet Fee		
Classification	Advance Payment	On-Site Payment
Non-Students	5,000 yen	6,000 yen
Students	3,500 yen	4,000 yen

- Payment for the banquet can be made in advance on-line or by postal money order, or on-site during the meeting at a higher rate.

3.3. Miscellaneous information

- Registration and banquet fees are non-refundable.
- The amount of registration and banquet fees depends on your classification (as identified in the table above) at the time of registration. Fee adjustments cannot be made for any subsequent change in your classification (i.e., no additional billing or refund on the difference in fees due to a change in your home institution and/or affiliation.)
- Receipt for your registration and/or banquet fee payments will be issued at the reception desk during the meeting.
- Presentation of a hard copy of the e-mail message showing completion of your registration and registration and/or banquet fee payments to the reception desk will greatly facilitate the registration procedure.
- Since the meeting will take place in Kyoto during the tourist season, participants are encouraged to make hotel (or related accommodation) reservation early.

III. How to Prepare Your Abstract

1. Abstract size and number of pages

One A4 page per presentation.

2. Preparation instructions

If you submit your abstract online, we accept only the PDF file format (maximum allowable size: 1 MB). If you mail in your abstract, all the information (text, figures, and tables) must fit on a sheet of A4 page size.

3. Printing

Proof of your abstract will be made in black and white with the direct plate making process. In this process, the abstract will be reduced to B5 size. In the course of your abstract preparation, please be aware that the quality of your figures (such as photos and graphs) may be degraded by the printing procedure. Also please be aware that the clarity of certain images, particularly color photos and figures, can be severely degraded.

4. Abstract format (refer to the figure)

Your text and additional material such as figures and photos need to fit in an area of 250 mm (vertical) x 170 mm (horizontal). The top margin should be 20 mm. Give the title of your presentation in the first line. Underneath the title, list the author names and their affiliations. Place the abstract content below the author information. In the case of multiple authorship, place an asterisk (*) to the left of the presenter's name. The spacing between the title and the body text should be 20 – 25 mm. We strongly suggest that you use a two-column format (left column → right column) for the text.

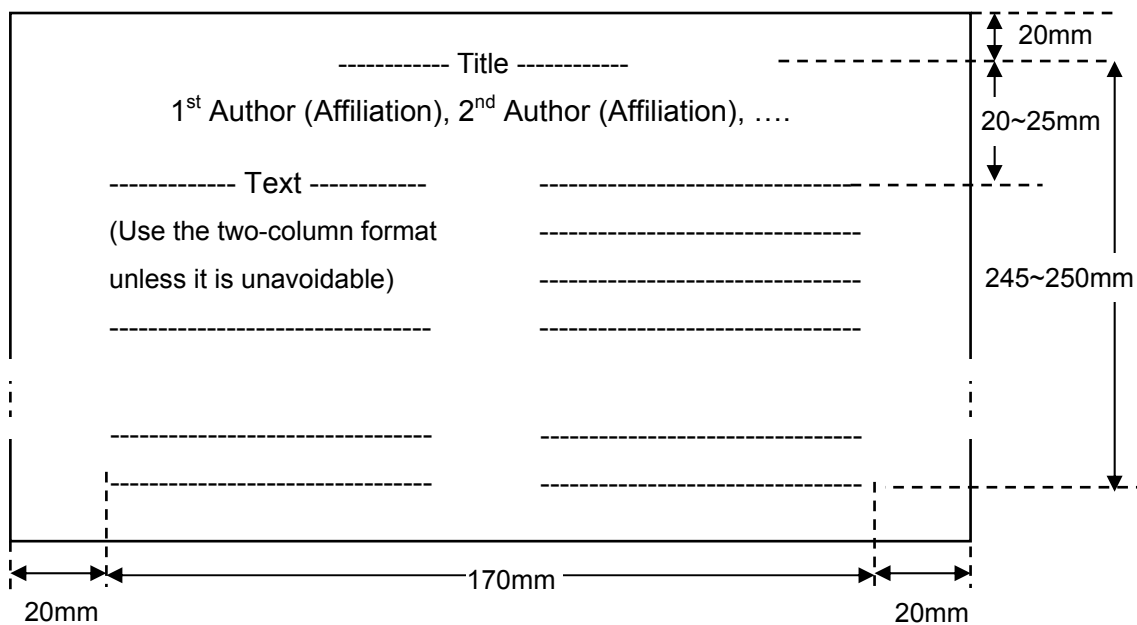


Figure: Guidelines for preparing abstract on an A4 sheet

5. Copyright

All the information (such as figures, tables, and text) that appear in the meeting proceedings are the copyright of the Meteorological Society of Japan.

IV. Guidelines for Presentations

1. Presentation types

Your presentation can be given either as an oral (including special topic sessions) or as a poster presentation.

2. Limit on the number of presentations

Each presenter is allowed to give up to two presentations. However, no two presentations can be given on a very similar topic. If a problem arises in regards to this restriction, the Annual Meetings Oversight Committee will take appropriate action.

3. Selection of the presentation method

You can select the presentation method (oral / poster) at the time of your presentation. However, please note that we cannot always accommodate your request due to various logistical issues. If the method of presentation is not identified at the time of application, the Annual Meetings Oversight Committee, at its discretion, will assign a presentation method.

4. General information for oral presentations

Same amount of time is allocated for each oral presentation, and will be indicated in the meeting program. The time allocation is determined by the Annual Meetings Oversight Committee, and is based on the total amount of time allocated to oral presentations divided by the number of presentations.

5. General information for special topic sessions

- The length of each presentation in a special topic session will be determined by the session conveners and will be indicated in the meeting program.
- The application deadline for a presentation in a special topic session is the same as that for a presentation in a general session (Tuesday, July 20 for on-line applications; Tuesday, July 13 for mail-in applications).
- Special topic session conveners will review the abstract submitted and will determine if the presentation can be given in one of the special topic sessions.
- If a submitted presentation is deemed not suitable for any of the special topic sessions, then the presentation will be considered for inclusion in a general

session.

- For more information on the individual special topic sessions, please refer to “V. Themes and Objectives of Special Topic Sessions”.

6. General information for poster presentations

- Time allocated for poster presentations is approximately one hour. No other events will take place during the poster presentation sessions.
- Presenters are responsible for posting and removing their posters.
- Space allocated for each poster is approximately 140 cm (vertical) x 90 cm (horizontal). A poster does not necessarily have to consist of one sheet. It can be prepared on a number of small sheets and arranged on the poster board on the day of the presentation.

7. Use of equipment for your presentation

- For oral presentations (including ones in special topic sessions), a PC projector can be used. The use of any other visual equipment is not allowed.
- If you are planning to use a PC projector for your presentation, please note the following:
 - The presenter must bring his/her own PC. Only a projector and a connection cable will be provided in the presentation room.
 - The connection from your PC to the PC projector needs to be checked during the recess before your presentation session. If you are uncertain about the connection, please inform a staff member at that time.
 - In cases of equipment failure and/or connection problem between your PC and the PC projector, your presentation may be deferred to a later time in the session at the discretion of the chairperson. It is your responsibility to have a backup file on a portable medium for any unforeseen contingencies.
- If you wish to use audio-visual equipment in the poster presentation hall, please notify us at the time of your presentation application which equipment you need and how it is to be used. This is necessary even if you have applied for an oral presentation, since it is possible that it may be changed to a poster presentation for various reasons associated with the logistical organization of the meeting program. We will attempt to accommodate your request as much as possible.

8. Other information

- The Annual Meetings Oversight Committee will consider the content of your

abstract and may reject your presentation for reasons including, but not limited to, the following: a) the content is not related to meteorology, b) the content is irrational or illogical, or c) the content contains parts that defame others.

- The meeting program will appear in the September issue of *Tenki* and on the meeting website.
- Session chairs for the oral presentations are usually chosen from the presenters in each session. The Annual Meetings Oversight Committee will take on the task of choosing candidates to be the chairpersons.

V. Themes and Objectives of Special Topic Sessions

1. Kosa and bioaerosols: emission, transport, distribution, deposition, and modeling for climatic and environmental impacts

Kosa and bioaerosols originate from the earth's surface, float in the air for traveling long-distance, and finally deposit to the earth somewhere at downwind area. Both have health and climatic effects. We know these general aspects but details are needed to properly simulate their behavior in the atmosphere and environmental impacts. Important processes are their emission, transport, transformation, and deposition. In this special session, recent research progress on these processes and relating subjects will be discussed. Researches on emission and deposition based on field observation, remote sensing, and simulations of various effects are also welcomed. We hope active discussion on these topics. This special session will offer an excellent opportunity for an exchange of views among all participants from different research fields.

Conveners:

Kazuo OSADA (Graduate School of Environmental Studies, Nagoya University)

Masao MIKAMI (Meteorological Research Institute)

Yasunobu IWASAKA (Kanazawa University Frontier Science Organization)

Kenji KAI (Graduate School of Environmental Studies, Nagoya University)

Atsushi MATSUKI (Kanazawa University Frontier Science Organization)

2. Anomalous Weather and Low-Frequency Variability

The anomalous weather (cold weather in the Northern Hemisphere) in this winter is

still fresh in our minds. It is a matter of high social concerns such that mass media extensively reported it. However, the anomalous weather is a very tough problem to deal with. This is because not only the relationship between several phenomena associated with it is very complicated, but also dynamics of low-frequency variability, which is the basis of understanding it, is not fully developed. In this winter, blocking, El Nino, and a sudden warming were involved in the anomalous weather, which are manifestations of internal dynamics, external forcing, and troposphere-stratosphere interaction, respectively. This fact shows that there are several interrelated problems to be solved. Under such circumstances, it is meaningful to together present observational studies of actual anomalous weathers and theoretical studies of low-frequency variability, and to review their developments. We would like to exchange many aspects of them, and share common awareness of the issues. Since it is important to consider the anomalous weather and low-frequency variability from a wide standpoint, it is, of course, welcome to present studies widely or loosely associated with them.

Conveners:

Hisanori ITOH (Graduate School of Science, Kyushu University)

Masahide KIMOTO (Atmosphere and Ocean Research Institute, The University of Tokyo)

Hitoshi MUKOUGAWA (Disaster Prevention Research Institute, Kyoto University)

Hisashi NAKAMURA (Graduate School of Science, The University of Tokyo)

3. Utilization studies of the greenhouse gas observing satellite (GOSAT) “IBUKI” data

The greenhouse gas observing satellite (GOSAT) was launched successfully on 23 January 2009, and has operated normally since. This is a joint project of the Ministry of the Environment (MOE), the National Institute for Environment Studies (NIES), and the Japan Aerospace Exploration Agency (JAXA). The mission objective is to reduce the CO₂ surface flux estimation error on a sub-continental scale to half of the present values. The initial check out processes have been finished and public release of CO₂ and CH₄ concentration data (Level 2 data) started on February 2010.

During the first half of the session, presentations related to the basic performance of satellite sensors and data quality in each process level will be given by project staff members. The latter half of the session is open for presentations by people who have already received data. All presentations to be made using future data in various

application research fields are acceptable. Studies of aerosols and clouds using CAI sensor data are also welcome. We hope this session becomes a good opportunity for wide discussion of the usefulness and future possibilities of GOSAT data.

Convener:

Ryoichi IMASU (Atmosphere and Ocean Research Institute, The University of Tokyo)

4. The Transfer and Spread of Meteorological Information and Knowledge ()

The meteorological information has been rapidly piled up in quality and quantity accompanied by the development of meteorological techniques. We think that such information will become valuable when transmitted to, understood by and utilized by many people. So we must consider the good contents as well as the announcement timing at the issuer and the understanding and utilizing at the recipient. Recently many serious problems have been emerged up after the locally concentrated rain shower and TUNAMI case. In those environments, the persons with expertise skills in the meteorological field are highly expected.

In this session, following the last autumn meeting, we welcome many study reports from the MSJ(*1) members who are engaged in making and transferring meteorological information and also spreading the related knowledge and training for coming disasters.

There are some problems, we consider, which are

1. Considerations at making information,
2. Considerations at transmission of information,
3. Spreading the meteorological knowledge including school education and utilizing training of the meteorological information.

We hope such report that suggests where the problem is and how to solve it. And, we consider that we make our goal advanced by sharing the study results.

Conveners:

Motohiro YOGO (The Certified and Accredited Meteorologists of Japan)

Shoji KAWABE (The Certified and Accredited Meteorologists of Japan)

Shuji HIRONAKA (Disaster Prevention Risk management department at Ube City)

Osamu IWATA (The Certified and Accredited Meteorologists of Japan)

Shoji SHIRAISHI (The Certified and Accredited Meteorologists of Japan)

*1: MSJ stands for "Meteorological Society of Japan".

*2: CAMJ stands for "The Certified and Accredited Meteorologists of Japan."

5. Understanding the changes in short-term phenomena with the global warming by multi climate model analyses

The global warming has become a major issue for the public. Among all, our human activities depend on everyday weather associated with short-term atmospheric and oceanic phenomena, such as intensity and tracks of tropical and extra-tropical cyclones, heat waves and cold surges, extreme rain and droughts. Therefore, perspectives on future changes of such short-term phenomena are extremely important. While multi-climate model experiments from the phase three of the WCRP's Coupled Model Intercomparison Project (CMIP3) are often utilized for the future projection, there resides in inherent variability among projections by different models.

This special session calls for papers, which aim to better understand the formation mechanism of the current climate variability and its future projection, utilizing the advantage of inter-comparing multi climate models. Discussions utilizing outputs from new versions of climate models featuring the IPCC AR5 are also welcome.

Conveners:

Yukari N. TAKAYABU (Atmosphere and Ocean Research Institute, The University of Tokyo)

Masahide KIMOTO (Atmosphere and Ocean Research Institute, The University of Tokyo)

Tomoaki OSE (Meteorological Research Institute)

Hisashi NAKAMURA (Graduate School of Science, The University of Tokyo)

6. Current issues and problems of dynamical and statistical downscaling for regional climate produced by global warming experiments

In order to investigate an impact of regional climate change due to global warming, dynamical and statistical downscaling studies have been carried out by national project such as the Innovative Program of Climate Change Projection for the 21st Century (KAKUSHIN Program) and the Environment Research and Technology Development Fund (ERTDF). We have got a lot of valuable information about the regional climate change due to global warming and the advanced technical method of downscaling from the projects. On the other hand, it is indicated that there are various problems in the

downscaling study for adaptations using a products of global warming experiments through a downscaling. In this session, we will discuss the current issues and problems of dynamical and statistical downscaling such as uncertainties associated with the driving GCM and the emissions scenario, utilization for impacts assessments and adaptation studies, and advance of downscaling science and technology.

Conveners:

Fujio KIMURA (Japan Agency for Marine-Earth Science and Technology)

Izuru TAKAYABU (Meteorological Research Institute)

Hiroaki KAWASE (National Institute of Environment Studies)

Hiroyuki KUSAKA (University of Tsukuba)

Tomonori SATO (Hokkaido University)

Hiroshi G. TAKAHASHI (Tokyo Metropolitan University)

Masayuki HARA (Japan Agency for Marine-Earth Science and Technology)

Takao YOSHIKANE (Japan Agency for Marine-Earth Science and Technology)

Yasutaka WAKAZUKI (Japan Agency for Marine-Earth Science and Technology)

7. Scientific objectives of the Akatsuki Venus Climate Orbiter

The Akatsuki Venus Climate Orbiter, which was launched on 21 May 2010, will arrive at the Venus in this December. Observations of the Venus atmosphere will be made in various wavelengths from elliptical orbit on the equator synchronized with the Venus atmospheric superrotation. It is expected that three-dimensional atmospheric motion will be made clear by the Akatsuki observations. In this session, we discuss possible applications of the Akatsuki data, research cooperation in the scientific community, a suitable system of the data archive for sharing products of the Akatsuki project, and so on. We also invite any other topics on the planetary science.

Conveners:

Masahiro TAKAGI (The University of Tokyo)

Takeshi IMAMURA (Japan Aerospace Exploration Agency)

VI. Meeting Presentations by Non-Members

As a general rule, those who are not members of the Meteorological Society of

Japan (MSJ) are not allowed to give presentations at MSJ meetings. However, we recognize that some foreign researchers on short stays or researchers from other academic disciplines may wish to give presentations at MSJ meetings. For this reason, the Annual Meetings Oversight Committee allows non-members to give presentations exclusively in the following cases:

1. A non-member is allowed to give a presentation if it is co-authored by an MSJ member. (Make sure that the name and affiliation of the co-author are indicated on the abstract.)
2. A presentation by a non-member in a special topic session is allowed at the discretion of the session convener.

The Annual Meetings Oversight Committee urges those who intend to present at MSJ meetings on an ongoing basis to become MSJ members.

VII. Support for Workshops

The Annual Meetings Oversight Committee will support, as best as it can, workshops that are independently conducted by MSJ members immediately before, during, and immediately after the meeting. To qualify for this support, the workshop must be open to all MSJ members. If you wish to receive support for your workshop, please send in your application to the Annual Meetings Oversight Committee (E-mail: kouenkikaku2010a@netsoc.jp) with the following information:

- Required information:
1. Name and topic of the workshop
 2. Contact information for the representative
 3. Requested time, date, and venue
 4. Expected number of participants
 5. Requested support (e.g., facilities, equipment)

Deadline: Tuesday, July 20, 2010

VIII. Child-Care Support during the Meeting

The information about child-care support during the meeting will be shown at the

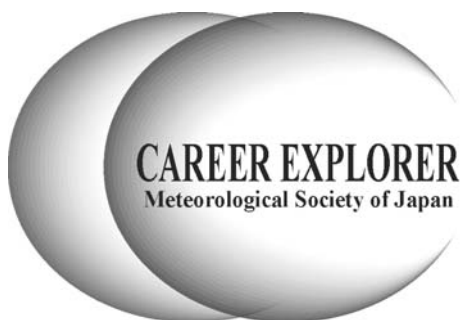
meeting website.

IX. Trial Introduction of the Career Explorer Logo

1. Objective of the Career Explorer Logo

In recent years, career development among young researchers has become an important social issue. In order to address this issue, MSJ decided to introduce the use of the “Career Explorer Logo” in the Autumn Meeting 2009 on a trial basis with the intention of supporting job-seeking and recruiting activities among the MSJ members. (A similar approach has been in use by the Japan Society of Applied Physics since 2007.)

2. Career Explorer Illustration



By displaying the “Career Explorer Logo” in your proceedings manuscript or presentation materials, you can inform other MSJ members that you are currently seeking employment opportunities. Electronic versions of the illustration in both color and black-and-white are available on the MSJ homepage.

3. How to use the Logo

When postdoctoral researchers, students, or any other Society members who are seeking employment opportunities give presentations, they may use the “Career Explorer Logo” in their proceedings manuscript and/or presentation materials.

1. Proceedings manuscript: Insert the Logo to the left of the title of your presentation. Please make sure that the Logo is confined to its approved area on the page.
2. Oral presentation: Display the Logo in any highly visible location on the presentation material.
3. Poster presentation: Display the Logo in a highly visible location near the title of

your presentation.

4. Caution against misuse of the Logo

1. The Logo can only be used in and for the lecture sessions hosted by MSJ and its members.
2. Refrain from any questions associated with the Logo during oral presentations.
3. The presenter takes full responsibility for the use of the Logo. MSJ is not responsible for any benefits or difficulties that might result from the use of the Logo.
4. The use of the Logo is not allowed outside the appropriateness and the purpose of its intent, as defined by the Society.