August 22, 2019

Information on "Academic Communication of Science II"

The Seminar "Academic Communication of Science II" comprises students' oral and poster presentation on their PhD dissertation research. Special lectures will also be held.

(1) Oral presentations: Students shall report on the progress of their research in academic conference style for approximately 15 minutes (oral presentation for 10 minutes and Q&A for 5 minutes). LCD projector should be used for research presentations (**Please bringing your own computer.**).

■ In an oral talk, students try to produce your Ph. D course study from the scientific background with plain explanation. Please start your talk from the basics on your research.

■ An oral presentation should be in English.

■ The contents of the presentation should be written in English.

■ The talking time is limited. Please deal with the details of your study at the poster presentation.

(2) Poster presentation: Students shall present the same content as oral presentations. Student will have discussion time (core time) in English. Core time of each presenter will be shown on his/her name badge provided at the reception.

* Please print the poster in size A0 (841mm x 1189mm).

* The poster must be made in English.

Please affix the poster at the specified place (shown in your name badge). If you cannot print your poster by large printer, each presenter can affix your poster to A0 (841mm x 1189mm) size of paper. Please bring printed poster and affix it to the specified paper on the presentation day.

(3) Summary of the research presentation: **Please submit a one page summary in English (see sample), A4 size, by e-mail (ag-rengaku@ml.adm.tottori-u.ac.jp) to the Academic Affairs Section of the United Graduate School of Agricultural Sciences (UGSAS).** The deadline for submission is strictly **September 11th (Fri.)**. All the summaries will be compiled to be distributed to students in advance.

(4) Special lectures: Two lectures on October 10th

(5) If you have any questions, please contact:

The office of UGSAS, Tottori University (ag-rengaku@ml.adm.tottori-u.ac.jp) or Dr. Motoichiro Kodama (mk@tottori-u.ac.jp).

見本　(英文)
SAMPLE (ENGLISH)

Research of cultivation, water stress measurement, and biological reaction of high sugar degree 'Satsuma Mandarin'

Course　:Bioproduction Science
Division　:Agricultural Production Science
Name　:
Entrance　:2004 (Oct,)
University:Yamaguchi University
Major Supervisor:

Satsuma Mandarin puts from the fruits dilation period at maturity, gives tree a moderate moisture stress, and the fruits sugar degree rises. On the production site, the soil is positively dried by setting up the moisture permeability multi under the tree crown to give a dry stress and interrupting rain water. However, it rises about control and the acid degree of the fruits dilation when the moisture stress is strong. The sugar degree is decreased when an excessive sprinkling water is done when the stress is small, and it causes the peel paffing. As a result, the commercial value decreases. Therefore, the metrology of the index tree moisture stress of the decision and sprinkling water at the multi coating time is needed.The maximum water potential by the pressure chamber method etc. needs a high-pressure gas and a special equipment, limited the measurement time to predawn, and is the most unpractical though is a high index reliability now on a general production site. Then, the method of evaluating the water stress that changed into the moisture potential was examined, and the reaction to the moisture stress of tree was investigated in this research.

As a water stress measuring method of a tree, sap flux performed the Granier method and trunk tree water content examined the TDR method. The sap flowing quantity by the Granier method has a very high correlation for the quantity of solar radiation. Moreover, when the water potential that about -1.7MP is strong was received, it became weak and clearer than stress (-0.5MP) the control of the sap flowing quantity. The tree trunk water content by the TDR method was able also to measure decreasing strengthened the moisture stress.

In addition, to measure the water stress of tree indirectly, the soil moisture was investigated with TDR method and a heat flow velocity type soil moisture meter. It is effective to be able to measure both TDR methods and the heat flow velocity type moisture meters promptly, and to measure the moisture stress of tree indirectly. In the granite wall rock, The soil moisture's decrease tree's beginning to receive a dry stress to about 15%, and contributing to the rise of the fruits sugar degree by the soil moisture measurement by this TDR method became clear. However, it became a strong stress when the soil moisture became 10% or less, and the fruits dilation was controlled strongly.

The examination is advanced, the reaction to a dry stress of Satsuma Mandarin is clarified, and whether the moisture stress diagnosis that uses the Granie method and the TDR method is possible will be examined in the future. in how water potential the water stress of tree influences the sap flowing quantity and photosynthesis. Moreover, when it is possible, the index of the water stress diagnosis by a new method is made.

令和元年８月２２日

「科学コミュニケーションⅡ」送迎バスを申込された方へ

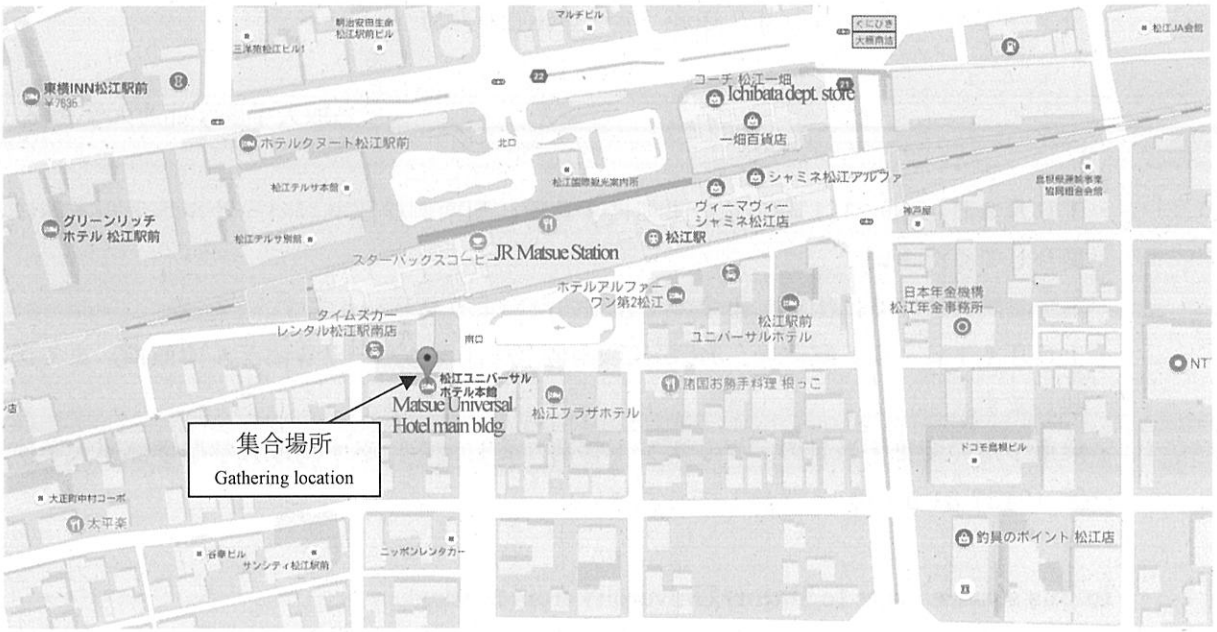
鳥取大学農学部連大学務係

・１０月９日（水）１１時００分までにＪＲ松江駅南側松江ユニバーサルホテル本館に集合してください。
集合時間後、すぐに出発しますので遅刻のないようお願いします。
・１０月１１日（金）解散後、JR 松江駅南側（松江ユニバーサルホテル本館横）まで送迎します。
・乗車予定の変更・当日のアクシデント等ありましたら、必ず鳥取大学農学部連大学務係（0857-31-5446）へ連絡してください。

To Bus service users to Tottori University from Matsue

・Oct. 9 (Wed)
The bus will depart for Tottori University from JR Matsue Station.
Please gather in front of Matsue Universal Hotel main building which is located south side of Matsue Station by 11:00.
The bus will depart from each gathering location on time, so please be punctual.
・Oct. 11 (Fri.)
The bus will depart for JR Matsue Station from Tottori University after the seminar.
・Please be sure to let us know beforehand in case you'll change your schedule.
Academic Affairs Section of the United Graduate School of Agricultural Sciences, Tottori University. (Tel: 0857.31.5446)

≪松江駅集合場所／Matsue gathering location≫



令和元年８月２２日

「科学コミュニケーションⅡ」鳥取配属受講生へ

鳥取大学農学部連大学務係

・１０月９日（水）１２時４０分までに鳥取大学事務局棟前に集合してください。
集合時間後、すぐに出発しますので遅刻のないようお願いします。
・１０月１１日（金）解散後、鳥取大学まで送迎します。
・乗車予定の変更・当日のアクシデント等ありましたら、必ず鳥取大学農学部連大学務係（0857-31-5446）へ連絡してください。

To Bus service users from Tottori University

・Oct. 9 (Wed)
The bus will depart for Cycling terminal Sakyu no Ie usage from Tottori University.
Please gather in front of Administration office building by 12:40.
The bus will depart from each gathering location on time, so please be punctual.
・Oct. 11 (Fri.)
The bus will depart for Tottori University after the seminar.
・Please be sure to let us know beforehand in case you'll change your schedule.
Academic Affairs Section of the United Graduate School of Agricultural Sciences, Tottori University.（Tel: 0857.31.5446）

Tottori University <Tottori> Campus Map

Issued by: Public Relations Center (TEL +81-857-31-5750)
http://www.tottori-u.ac.jp

Image Character of Tottori University "Torinn"