令和３年７月２９日

連合農学研究科長（公印省略）

令和３年度「科学コミュニケーションⅡ」の実施について（通知）

このことについて、今年度は新型コロナウイルス感染予防の観点から、オンラインにより別紙のとおり実施しますのでお知らせします。

このセミナーの受講は、博士課程の修了及び学位論文の提出に欠かせない要件となっていますので、修了年次までに必ず受講するよう計画してください。

つきましては、別紙**「受講調査票」を８月６日（金）までに**鳥取大学農学部連大学務係まで提出願います。（受講しない場合も、その旨を記載の上、提出してください。）

なお、このセミナー期間中、参加学生は博士論文研究の中間報告を口頭発表により行いますので、昨年 10 月の入学生でまだ研究要旨を作成し難い方については、3 年次（来年 10 月）での受講をお勧めします。

受講者は博士論文研究中間報告会の資料として**研究要旨（Ａ４版, 英文１枚）を９月 10 日まで**、**ポスターデータを 10 月８日まで**に提出していただきます。詳細は別紙を確認してください。

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Notice of the Seminar “Academic Communication of Science Ⅱ” in 2021

It will be carried out as the attached guideline.

This seminar will be conducted online considering COVID-19 outbreak as attached.

This seminar is a required subject. In case you fail to attend this seminar, you will be unqualified to submit PhD dissertation and complete PhD course, so please be sure to attend this seminar until the end of your PhD course.

No matter you attend or not, all the students should submit a registration form (attached) to the Academic Affairs Section of the United Graduate School of Agricultural Sciences, Tottori University **(Deadline 8/6 (Fri.))**

All the students who will attend this Seminar must present an interim report on your PhD dissertation research in this Seminar. So we recommend that any students who entered Oct. of last year and still cannot prepare the research presentation should attend this seminar next year.

Attendees need to submit **Summary of research presentation in English, A4 size by 10th September**, and **Poster data by 8th October**. For the details, please see attached document.

担当者：鳥取大学農学部連大学務係（谷口）
Contact: Academic Affairs Section, the United Graduate School of Agricultural Sciences, Tottori University
〒680-8553 鳥取市湖山町南４丁目101番地　4-101 Koyama Minami, Tottori, 680-8553
(Tel) 0857-31-5446　(Fax) 0857-31-5683　(Mail) ag-rengaku@ml.adm.tottori-u.ac.jp

July 29, 2021

Details of "Academic Communication of Science Ⅱ" in 2021

"**Academic Communication of Science Ⅱ**" will be conducted online considering COVID-19. This seminar comprises students' oral presentation on their PhD dissertation research. Special lectures will also be held.

(1) How to conduct the subjects: Online by BlueJeans

The participants do not need to gather at Tottori university. Participants will demonstrate their oral presentation and discussion by their own PC. The special lecture will be held by BlueJeans and zoom. How to take the special lecture by zoom will be notified later.

The office of UGSAS, Tottori University (ag-rengaku@ml.adm.tottori-u.ac.jp) will email the participants WebEx link address in advance.

At the beginning of the subject, which is 13:00 on 13th October, please click the BlueJeans link address then log-in page will appear.

The Plug-in installation page will appear for the first time so please install it by following the instructions.

The attendance page will appear after installation, so please enter your name and email address, then click attend button.

Please click the leave button when the seminar of each day is finished.

(1) Oral presentations: Students shall demonstrate the oral presentation on their research plan in the doctoral course for approximately 16 minutes (oral presentation for 12 minutes and Q&A for 4 minutes). PowerPoint of the demonstrator will be displayed on all participants' PC screen. Please note as below and prepare your presentation and poster data for this subject.

- In an oral talk, students try to produce his/her 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.
- Please keep your presentation time. The presentation will be cut-off if the demonstrator cannot finish his/her presentation within his/her presentation time.

(2) Poster submission: Please submit your poster data based on the oral presentation details to the UGSAS office **by October 8th**. The poster data will be scored.

* **Please prepare the poster data in size A0 (841mm x 1189mm) format.**

* **The poster must be made in English.**

* **The poster must be made in PowerPoint and PDF.**

(3) Summary of the research presentation: Please submit **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)** as indicated in the first notification**.** The deadline for submission is strictly **September 10th (Fri.)**. All the summaries will be compiled to be distributed to students in prior to the first day of this subject.

(4) Special lectures: Two lecturers on October 14th, which will be held online.

(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).

Contact:
Academic Affairs Section, the United Graduate School of Agricultural Sciences, Tottori University
4-101 Koyama Minami, Tottori, 680-8553 (Tel) 0857-31-5446 (Fax) 0857-31-5683
(Mail) ag-rengaku@ml.adm.tottori-u.ac.jp

The guidelines of the Seminar "Academic Communication of Science II" in 2021

1. Purpose

This seminar is held for the students of the United Graduate School of Agricultural Sciences. The purpose of the seminar is improvement of the presentation ability through the presentations of the report on study-progress by the students.

2. Term

14:00 October 13 (Wed.), 2021 (reception procedures: 13:00～) ― 12:00 October 15 (Fri.), 2021 (3days)

3. How to conduct

Academic Communication of Science II will be conducted Online (BlueJeans and Zoom). No need to come to Tottori University.

4. CONTENTS

Students' reports on the PhD dissertation research (oral presentations) and Special Lectures.

5. Approval of Completion

When you complete the seminar, the United Graduate School of Agricultural Sciences admits your completion and credit.

6. Inquiries

Academic Affairs Section of the United Graduate School of Agricultural Sciences, Tottori University.
Tel: 0857.31.5446, Fax: 0857.31.5683 E-mail: ag-rengaku@ml.adm.tottori-u.ac.jp

2021年度　鳥取大学大学院連合農学研究科「科学コミュニケーションⅡ」日程表

Schedule of the "Academic Communication of Science Ⅱ" 2021

		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1st day	第1日目 10月13日（水） October 13 (Wed)						BlueJeans会議室オープン BlueJeans meeting room will opens.	受付・出欠・接続確認 Registration & Connection confirmation	オリエンテーション Orientation	口頭発表 (BlueJeans) Oral Presentation ① 進行 Chair 吉清　恵介氏（島根大学） Dr. Keisuke Yoshikiyo (Shimane Univ.) 林　昌平氏（島根大学） Dr. Shohei Hayashi (Shimane Univ.)						
2nd day	第2日目 10月14日（木） October 14 (Thu)				口頭発表 (BlueJeans) Oral Presentation ② 進行 Chair 吉清　恵介氏（島根大学） Dr. Keisuke Yoshikiyo (Shimane Univ.) 林　昌平氏（島根大学） Dr. Shohei Hayashi (Shimane Univ.)		昼食 Lunch	口頭発表 (BlueJeans) Oral Presentation ③ 進行 Chair 吉清 恵介氏(島根大学) Dr. Keisuke Yoshikiyo (Shimane Univ.) 林 昌平氏(島根大学) Dr. Shohei Hayashi (Shimane Univ.)	休憩 Break	特別講義 Special Lecture 講師：工藤　昭英氏 （東京農工大学・大学院生物システム応用科学府・客員教授 産学官連携コーディネーター） **Prof. Akihide Kudoh** (Visiting Professor, Coordinator among Business, Industry, Academia and Government Graduate School of Bio-Applications & System Engineering Tokyo University of Agriculture & Technology) 「Business, innovation & negotiation -A chance to apply these concepts to your research & life!」*	休憩 Break	特別講義 Special Lecture 講師：ホーク・フィリップ氏 （静岡県立大学・薬学部・科学英語分野・准教授） **Prof. Philip Hawke** (Associate Prof., Scientific English Program, Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka) 「Advanced academic communication: Journal article writing and research ethics」**	
3rd day	第3日目 10月15日（金） October 15 (Fri)				特別セミナー Special Seminar Dr. Keisuke Yoshikiyo (Shimane Univ.) 吉清 恵介氏(島根大学) Dr. Shohei Hayashi (Shimane Univ.) 林 昌平氏(島根大学)		質疑応答 Q&A アンケート記入 Questionnaire	解散 Breakup								

＊「ビジネス、イノベーションと交渉術　−これらの考え方を研究活動と人生に活かす！−」
＊＊「科学英語コミュニケーション 上級編：学術論文ライティングおよび研究者倫理」

2021 年度「科学コミュニケーションⅡ」受講調査票

Registration form for the Seminar “Academic Communication of Science II” in 2021

学生番号 Student ID No.（　　） 配属大学 Univ.（　　）		
氏　　名 Name		
出　席 Attend	欠　席 Not Attend	欠席の理由 If ‘Not Attend’, please describe the reason of absence
どちらかに○ Choose by circling		
当日連絡のとれる電話番号 Cellphone Number while attending this subject		－　　－

☆ この調査票は、必ず**８月６日（金）**までに鳥取大学農学部連大学務係に提出して下さい
Please submit this form to Academic Affairs Section of the United Graduate School of Agricultural Sciences, Tottori University. (**Deadline 8/6 (Fri.)**)

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☆ 変更がありましたら９月２４日（金）の午前中までに鳥取大学農学部連大学務係にお知らせ願います。
Please be sure to inform any changes after the submission of this form by 12:00 September. 24 (Fri) to the Academic Affairs Section of UGSAS.

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.