



WPC2022IRELAND

30TH MAY - 2ND JUNE 2022
www.wpc2022ireland.com



WORLD POTATO
CONGRESS

How to Use the Online Abstract Submission System for World Potato Congress 2022

Important Information

- Abstracts are submitted via an online submission system. Register with the abstract submission website and establish your user name and password.
- If you are submitting more than one abstract you **must** use the same login for each abstract.
- The maximum length of an abstract is **300 words**. **Please ensure that your findings are described to a level sufficient for reviewers to make an informed decision on quality. Abstracts that fail to meet these criteria or are of a purely commercial nature will be rejected.**
- Submission deadline for abstracts to be considered for **Oral Presentation: 30th November 2021**. A very limited number of submissions will be selected for oral presentation and authors will be notified if their abstract has been accepted for an oral presentation on **20th January 2022**. Any abstract which was submitted for consideration for an oral presentation, but was unsuccessful in this regard, will be considered for poster presentation. **Note:** All abstracts submitted by 30th November 2021 will be notified by 20th January 2022
- Submission deadline for abstracts to be considered for **Poster Presentation: 15th February 2022**. Authors will be notified if their submission has been accepted for poster presentation on **15th March 2022**.
- Do not include author names in the title or body of your abstract – these are entered online during the submission process.
- The congress topics are broad – to aid the review process, please include up to **three keywords** for your submission.
- You can alter your abstract at any time up to the submission deadline of **30th November 2021 (potential oral presentations) and 15th February 2022 (poster presentations)**.
- Each author may present **a maximum of two presentations** at the Congress.
- Please note that at least one author **must** register in full to attend and present the abstract at the Congress.



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1. Congress Topics

WPC2022 is a general industry congress and authors are welcome to submit under the following congress topics:

- Business
- Development
- Innovation / Research
- Nutrition / Health
- Sustainability

The congress topics are broad and we welcome submissions across a range of areas, including, but not limited to, those listed below. To further assist the congress scientific committee, we ask that you specify up to **three keywords** for your abstract.

Business

- Value chain developments
- Added value products
- Consumer trends
- International trade
- Technology impacts
- Marketing initiatives
- Product types and processing
- Agribusiness

Innovation / Research

- Agronomy
- Blockchain technology
- Disruptive technologies
- Emerging issues and solutions
- Mechanisation and automation
- New breeding developments and varieties
- Pathology

Development

- Food security
- Social impact studies
- Development case studies
- Global challenges

Sustainability

- Climate studies
- Agrochemical management and product development
- Water management and irrigation
- Integrated pest management
- Economic impacts and incentives

Nutrition / Health

- Consumer nutrition studies
- Micronutrition
- Potato nutraceuticals
- The role of the potato in global nutrition



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2. The Submission Process

Submitting an abstract is a **3-step process**. We strongly recommend that you complete your submission at one time.

Step 1: Register on the system

We are using a dedicated website for abstract submission and you must first register on the system. The website is accessible by username and password. Please note that you will need to create your own username and password to access the system.

You only need to register once - each subsequent time that you visit this page, you will log in with your e-mail and chosen password.

Step 2: Submit your abstract

- Once you have registered and created your profile, you must log in to the dedicated submission [webpage](#) when you have prepared your abstract - enter your email address and the password you chose when you registered.
- Submitting an abstract requires that you complete a questionnaire for each abstract. Some questions are mandatory (marked with an asterisk) and you will not be able to complete your submission until these questions have been answered. You will be required to provide the **names and affiliations of all authors, confirmation that all authors have approved the submission, the topic to which you are submitting your abstract and up to three keywords**. You will also be able to indicate if you wish your abstract to be considered for oral presentation.
- It is strongly recommended that you complete your submission once started. However, if you decide to start your submission for completion at a later point, you must ensure to “Submit” your incomplete abstract. It will then be available for you to finish at a later stage. **Failure to “Submit” your incomplete abstract will result in it being lost and you will have to start again.**
- Mandatory questions are marked with an asterisk (*) and must be answered. Your submission will not be complete if a mandatory question is left unanswered. Incomplete submissions will not go for review.
- If you exceed the word count for either the title or abstract, your submission will be marked as incomplete in our system. Incomplete submissions will not go for review.

Step 3: Confirmation e-mail

You will receive an e-mail confirming that your submission has been received. The subject of the mail will indicate if your submission is complete or incomplete. An incomplete submission may have an answer that is unfinished or you may have exceeded the word limit for the abstract. Incomplete submissions will not go for review. You **must** log back into the submission system, click on the title of the abstract and complete it. Once complete you will receive the confirmation e-mail.



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If you wish to make another submission, please click on New Submission and a new blank submission form will open.

3. Amending a Submission

You may wish to change your submission. You can do this at any time up to the deadline of **30th November 2021 (abstracts for consideration for oral presentation) / 15th February 2022 (abstracts for consideration for poster presentation)**.

- Log in to the abstract submission system.
- You will see the abstract(s) that you have submitted. Click on the abstract title to open the file.
- Amending an abstract is just the same as the original submission process except that the online form will be automatically filled in with the answers that you gave previously. You don't have to change an answer if you don't want to.
- Once you click "Submit", your changes will be saved and you will be sent an email confirming that your abstract has been amended. **Your changes will not be recorded if you fail to click "Submit"**. You will also receive an e-mail confirming that an amendment has been made to your abstract.

4. Queries

If you have any queries about the submission process or you want to withdraw an abstract, please contact the congress administrator at abstracts@wpc2022ireland.com

5. Sample Abstract

This is for information only – you must not enter your abstract as below as the abstract system captures the abstract in a series of steps. However, you may use the section headings (Introduction, Methods etc.) if you wish and the output will be similar to the following.

Practical genome based approaches to augment breeding new potato varieties

Denis Griffin, Stephen Byrne, Fergus Meade, Colum Kennedy, Francesca Mesiti, Jeanne Moore, Dan Milbourne.

Teagasc Crops Research Department, Oak Park, Carlow, Ireland.

Abstract

Increasingly, conventional potato breeding programmes must produce new potato varieties for a wide range of markets, which require different consumer quality traits, diverse disease resistance requirements and have very different agroecological growing conditions. Poor efficiency at early stage seedling selection, usually only in one environment combined with long breeding cycles results in low potential for recurrent selection to stack traits and improve genetic gain. Major advances have taken place over the last fifteen years with the sequencing of the potato genome, leading to an increased array of markers for early stage trait selection, and developments towards the use of genomic selection.

As new methods have developed there has been a dramatic change in the cost of ratio of genotyping and phenotyping with phenotyping now the cost prohibitive step. Also the development and introduction of new selection methods must have minimal impact on the commercial output of varieties. In the Teagasc breeding programme we have deployed marker aided selection to support the stacking of traits and shorten breeding cycles. We have also developed genomic selection techniques for fry colour and storage traits utilising existing breeding populations and phenotyping capacity. Future goals will include developing predictive selection strategies for environmental adaptation and the use of feature selection to simplify genomics predictive assays. Development and deployment of these new selection strategies will be discussed.