

A report of attending “8th European Drying Conference”

Effect of solar radiation and full spectrum artificial sun light on drying and textural characteristics of Asian white radish (*Raphanus sativus* L.)

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Country travelled: Poland (Europe)

Conference Venue: Lodz University of Technology, Poland

Conference date : 4 -7 July 2023

July 2023

8th European Drying Conference (“EuroDrying 2023”)

4-7 July 2023

Website: <https://www.eurodrying2023.p.lodz.pl/>

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Introduction

The “EuroDrying 2023” one of the leading conferences in the food processing sector and especially for the drying area. The experts and students who are working on the drying area/discipline all has participated in this conference. Lodz University of Technology, Poznan University of Technology and EFCE Working Party on Drying are proud to organized that the 8th European Drying Conference (EuroDrying ‘2023) was held on 4-7 July in Łódź, Poland.

Organizers welcome to the fascinating city of four cultures in which technology is intertwined with culture and modernity with history. In Łódź, the city of manufacturers, everyone will find something for themselves.

Purpose of visit

The conference was an exceptional opportunity for professional development, networking, and knowledge exchange in the field of drying technologies. Here are some key takeaways from the event:

- The conference provided a comprehensive overview of the latest advancements and research in drying technologies. I attended various presentations and workshops that covered topics ranging from innovative

drying methods to sustainable practices. Learning about the cutting-edge technologies and best practices has significantly expanded my knowledge in the field.

- The conference will feature an exhibition area where leading companies and manufacturers will showcase their latest drying equipment, tools, and technologies.
- One of the most significant benefits of attending the conference was the opportunity to network with experts, researchers, and industry professionals from around the world.
- The conference exposed me to emerging trends in the drying industry.

Process

The 8th EuroDrying conference, which was held in Lodz, Poland, Europe organized by Lodz University of Technology, Poznan University of Technology and EFCE Working Party on Drying, Poland.

The conference mainly focused on drying-related research work. The main research areas are:

- Fundamentals, modelling and simulation
- Physical properties and product quality
- Industrial processes and equipment
- Measurement and process control
- Environmental issues
- Process intensification
- Drying of gases and liquids

- Drying of powdered solids
- Drying of biomass for energy applications
- Drying of food and agricultural materials
- Drying of biological and pharmaceutical materials
- Drying of chemicals and polymers
- Drying of wood, pulp and paper and forest products

The conference was organized from 4th – 7th July, 2023 including keynote lectures, scientific sessions, poster sessions and industrial presentations. The session including major topics like Food Engineering and Industrial Challenges; Food drying and Related Applications; Food Analysis are designed to encourage early career researchers in the field of food science and technology. First day of the conference included registration, welcome delegates, and opening ceremony with keynote speakers. There were around 6 industry presentations, 6 keynote lectures, around 35 scientific sessions and more than 80 poster sessions. Keynote sessions were quite interesting and mostly related to my doctoral research, which persuaded me to discuss with the plenary speakers and further enjoyed this session interacting with other students & delegates. I actively attended all four days and presented my academic findings to professionals and other international researchers. My oral presentation with the title ‘Effect of solar radiation and full spectrum artificial sun light on drying and textural characteristics of Asian white radish (*Raphanus sativus* L.)’ with a limited time of 20 minutes excluding 5 minutes dedicated to questions from the audience. The organizers also gave opportunity to the students to present or discuss their research via poster for the industry people. So I also have prepared poster for the industry people for the more discussion and suggestions. During this conference period I learned a lot

and its really worth it to attend this conference. During coffee break I met some of the very well expert and some industry people who working in the similar research and we had a great discussion about the future research work and currently my Ph.D. work.

This incredible experience with academics to share my findings promoted my confident and boosted up my knowledge. The conference organizing committee also has arranged Gala dinner at the end of day as a farewell for this conference. I have attached some pictures or glimpses at the end of the report. For my return journey the flight prices quite expensive so I decided to spend some more time there and I book my return flight on 17th July, 2023. So after this conference I visited some research institutions and stay over there with some my friends who work there. So it was really great time to explore those institutions in Poland and Germany.

Experience and Suggestions

This conference is a crucial opportunity for professional development and knowledge enhancement in the field of drying technologies and their applications. I believe attending this event will be highly beneficial for our organization and my personal growth. One of the most significant benefits of attending the conference was the opportunity to network with experts, researchers, and industry professionals from around the world. I engaged in meaningful discussions with peers who shared similar interests and challenges. These interactions have the potential to lead to future collaborations and partnerships, which could prove advantageous for our organization.

The conference exposed me to emerging trends in the drying industry. I learned about new applications of drying technologies in different sectors, which could

be relevant to our organization's future projects and product development. Staying abreast of these trends will help us stay competitive and adaptive in the market.

Acknowledgements

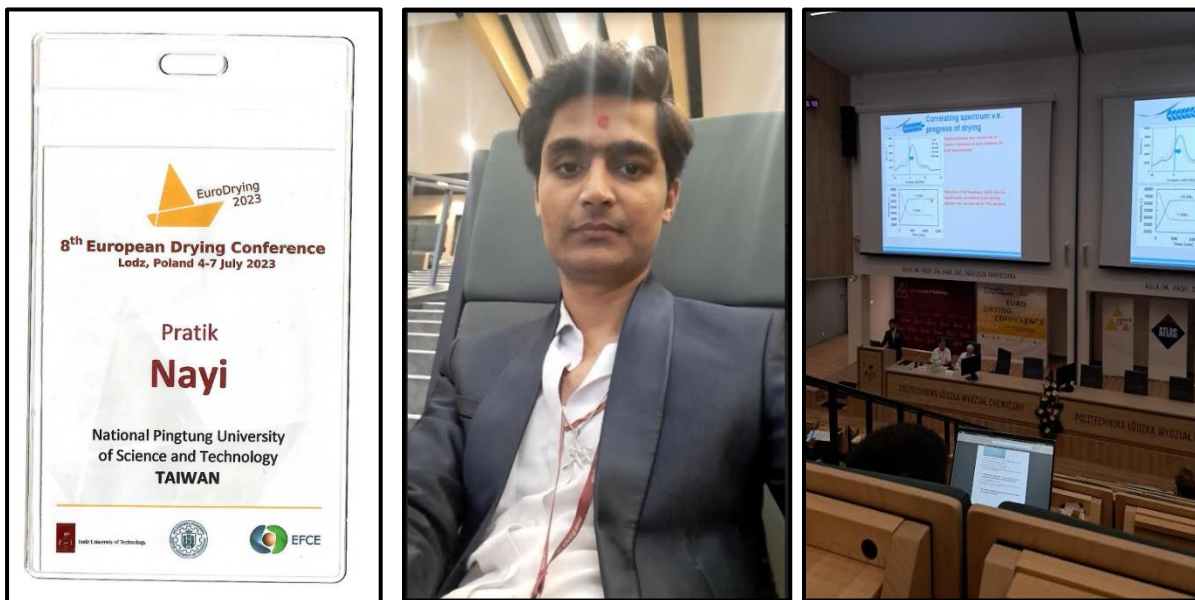
I would like to express my gratitude to Professor Ho-Hsien Chen for his valuable inputs on my research work. I further wish to acknowledge the National Pingtung University of Science and Technology (NPUST), Taiwan for the generous amount of conference travel financial support.



1. Group photo with all participants of EuroDrying 2023



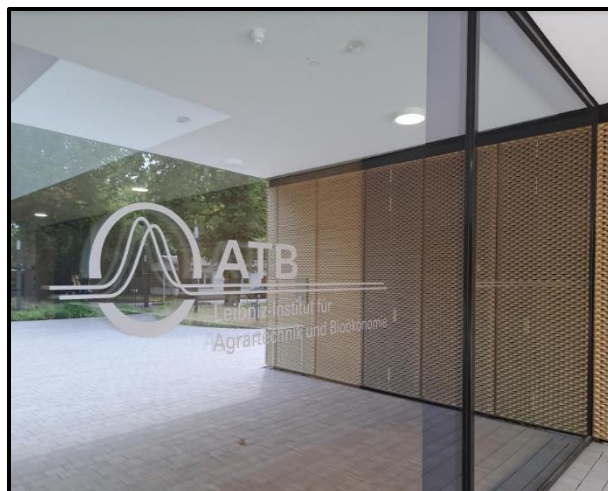
2. Presentation desk and seminar hall



3. Participant card and some glimpses of oral presentation



4. With Prof. Marie and participant at Lodz, Poland



5. Visit at ATB institute, Germany



6. Certificate of participation in EuroDrying 2023