



Poznań University of Economics and Business
Institute of Quality Science

13-15 September 2021



1st International Conference on Quality and Management Sciences ICQMSc 2021

GENERAL SCHEDULE of the CONFERENCE

SEPTEMBER 13th, MONDAY

OPENING CEREMONY

9.00 – 9.15

Maciej Żukowski, Rector of Poznań University of Economics and Business, Poland
Ewa Sikorska, Director of Institute of Quality Science, Poznań University
of Economics and Business, Poland

OPENING LECTURE

9.15 – 10.00

Paulo Sampaio, University of Minho, Portugal
Quality 4.0: state-of-the-art, definition and developments

Chair: Sabka Pashova, University of Economics-Varna, Bulgaria

KEYNOTE LECTURE

10.00 – 10.45

Esther Sendra, Miguel Hernandez University of Elche, Spain
Consumer sensory studies for food companies: challenges and trends

Chair: Barbara Borusiak, Poznań University of Economics and Business, Poland

SESSION 1. CONSUMER DRIVEN PRODUCT DEVELOPMENT

Chair: Esther Sendra, Miguel Hernandez University of Elche, Spain

10.45 – 11.00

Andrzej Szymkowiak, Poznań University of Economics and Business, Poland
Household food waste: the meaning of product's attributes and food-related lifestyle

11.00 – 11.15

Ľubica Knošková, University of Economics in Bratislava, Slovakia
Consumer attitudes and importance of product design during shopping for selected non-food products. Consumer styles by design

11.15 – 11.30

Małgorzata Koszewska, Lodz University of Technology, Poland
Consumers' openness to circular business models in fashion industry

11.30 – 11.45

Maria Sielicka-Różyńska, Poznań University of Economics and Business, Poland
Consumers' perception of labelling in gluten-free product design

11.45 – 12.15

Q&A

12.15 – 12.30

BREAK

KEYNOTE LECTURE

12.30 – 13.15

António Marques, Portuguese Institute for the Sea and Atmosphere (IPMA), Portugal
Validated eco-innovative sustainable solutions for the seafood production and processing

Chair: Pasquale Giungato, University of Bari Aldo Moro, Italy

13.15 – 14.15

POSTER SESSION

14.15 – 14.30

BREAK

SPECIAL SESSION DEDICATED TO PROFESSOR ZENON FOLTYNOWICZ

Chair: Ryszard Cierpiszewski, Poznań University of Economics and Business, Poland

14.30 – 16.15

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SEPTEMBER 14th, TUESDAY

9.00 – 9.05	OPENING Katarzyna Marchwińska, Poznań University of Economics and Business, Poland
9.05 – 9.50	KEYNOTE LECTURE Raquel Sendón , University of Santiago de Compostela, Spain <i>Food packaging: main concerns regarding its safety</i> <i>Chair: Romdhane Karoui, University of Artois, France</i>
SESSION 2. DESIGN, QUALITY AND SAFETY OF NON-FOOD PRODUCTS <i>Chair: Raquel Sendón, University of Santiago de Compostela, Spain</i>	
9.50 – 10.05	Wojciech Kozak , Poznań University of Economics and Business, Poland <i>Determination of oxygen transmission rate of packaging materials using dynamic accumulation method</i>
10.05 – 10.20	Małgorzata A. Jarosová , University of Economics in Bratislava, Slovakia <i>The growing importance of sustainable packaging design</i>
10.20 – 10.35	Michał Puchalski , Lodz University of Technology, Poland <i>Distributions of random variable in quality assessment of modern nonwoven products on the example of thickness measurement of fibers</i>
10.35 – 10.50	Pasquale Giungato , University of Bari Aldo Moro, Italy <i>Sustainable consumption of filtering facepiece respirators during COVID-19 outbreak</i>
10.50 – 11.20	Q&A
11.20 – 11.35	BREAK
11.35 – 12.20	KEYNOTE LECTURE Harshadrai Rawel , University of Potsdam, Germany <i>Rape seed proteins: Potentials and perspectives in their bio- and technofunctional properties</i> <i>Chair: Alfred Błaszczuk, Poznań University of Economics and Business, Poland</i>
SESSION 3. DESIGN, QUALITY AND SAFETY OF FOOD PRODUCTS <i>Chair: Harshadrai Rawel, University of Potsdam, Germany</i>	
12.20 – 12.35	Joanna K. Banach , University of Warmia and Mazury in Olsztyn, Poland <i>Evaluation of starch, protein and lipid contents in domestic durum wheat grain from integrated cultivation system by its electrical parameters</i>
12.35 – 12.50	Piotr Kafel , Cracow University of Economics, Poland <i>Quality and food safety management systems in official statements of selected food sector organizations operating on the Polish stock market</i>
12.50 – 13.05	Jacek Lewandowicz , Poznań University of Technology, Poland <i>The effect of fat content on quality of natural yoghurt</i>
13.05 – 13.20	Małgorzata Muzolf-Panek , Poznań University of Life Sciences, Poland <i>Optimization protocol for the extraction of antioxidants from <i>Nigella sativa</i> using single- and multi-response surface methodology</i>
13.20 – 13.50	Q&A
13.50 – 14.00	BREAK

SESSION 4. YOUNG SCIENTISTS

Chair: *Iga Rybicka, Poznań University of Economics and Business, Poland*
Giacomo Squeo, University of Bari, Italy

14.00 – 14.10	Adam Miratyński , Cracow University of Economics, Poland <i>Research on consumer preferences related to footwear used by people practicing skateboarding. Statistical analysis and selected qualitative aspects</i>
14.10 – 14.20	Dominik Sikorski , Technical University of Lodz, Poland <i>Chemical modification of chitosan</i>
14.20 – 14.30	Monika Engler-Jastrzębska , Gdynia Maritime University, Poland <i>Natural sunscreen preparations - a new quality on the cosmetics market</i>
14.30 – 14.40	Bożena Filas , University of Economics in Katowice, Poland <i>Art in management</i>
14.40 – 15.00	Q&A
15.00 – 15.10	Michał Świtalski , Gdynia Maritime University, Poland <i>Selected microbiological hazards of unpasteurised and unfiltered craft beers. Product quality and safety management</i>
15.10 – 15.20	Natalia Kłopotek , Gdynia Maritime University, Poland <i>Directions of using the Kano model to improve the quality of products and services</i>
15.20 – 15.30	Maciej Świtalski , Gdynia Maritime University, Poland <i>Comparison of the quality parameters of selected types of organic crispbread</i>
15.30 – 15.40	Marcin Antoniak , Poznań University of Economics and Business, Poland <i>Perception of nutrition claims and the origin of food products</i>
15.40 – 16.00	Q&A

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9.00 – 9.05	OPENING Katarzyna Marchwińska, Poznań University of Economics and Business, Poland
KEYNOTE LECTURE	
9.05 – 9.50	Daniel Cozzolino , University of Queensland, Australia <i>Sensing technologies and big data – their role in sustainable food chain</i> <i>Chair: Diego Luis García González, Instituto de la Grasa (CSIC), Spain</i>
SESSION 5. QUALITY CONTROL IN INDUSTRY 4.0 ERA <i>Chair: Daniel Cozzolino, University of Queensland, Australia</i>	
9.50 – 10.05	Diego Luis García González , Instituto de la Grasa (CSIC), Spain <i>Mesh cell FTIR spectroscopy to assess virgin olive oil stability under real marketing conditions</i>
10.05 – 10.20	Giacomo Squeo , University of Bari, Italy <i>Application of near infrared hyperspectral imaging for analysis of texturized vegetable proteins</i>
10.20 – 10.35	Katarzyna Włodarska , Poznań University of Economics and Business, Poland <i>Spectral fingerprinting and chemometrics in food quality assessment: A case study of fruit juices</i>
10.35 – 10.50	Adam Gilmore , HORIBA Instruments Incorporated, USA <i>Automating authentication with absorbance-transmittance excitation-emission matrix (A-TEEM) spectroscopy</i>
10.50 – 11.20	Q&A
11.20 – 11.30	BREAK
11.30 – 12.30	POSTER SESSION
KEYNOTE LECTURE	
12.30 – 13.15	Ulf Gustavsson , European Organization for Quality EOQ, Belgium, <i>European Organization for Quality (EOQ) – transforming into the digital era</i> <i>Chair: Paulo Sampaio, University of Minho, Portugal</i>
SESSION 6. MANAGEMENT FOR SUSTAINABILITY <i>Chair: Ulf Gustavsson, European Organization for Quality EOQ, Belgium</i>	
13.15 – 13.30	Małgorzata Krzywonos , Wrocław University of Economics and Business, Poland <i>Bioeconomic aspects of the production, distribution and use of bio-based products from bio-waste and agrobiomass</i>
13.30 – 13.45	Przemysław Seruga , Wrocław University of Economics and Business, Poland <i>Municipal solid waste anaerobic digestion as a component of the circular economy</i>
13.45 – 14.00	Paweł Nowicki , Cracow University of Economics, Poland <i>Recycler's audit within circular economy approach</i>
14.00 – 14.15	Patrycja Wojciechowska , Poznań University of Economics and Business, Poland <i>Recycling of plastics – challenges in closing the loop of a circular economy</i>
14.15 – 14.45	Q&A

14.45 – 15.00 BREAK

KEYNOTE LECTURE

15.00 – 15.45 **Zenon Foltynowicz**, Poznań University of Economics and Business, Poland
Will conferences remain an essential part of every scientist's life?

Chair: Stanisław Popek, Cracow University of Economics, Poland

15.45 – 16.00 **CLOSING CEREMONY**
Ewa Sikorska, Poznań University of Economics and Business, Poland

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