

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

9.00 – 9.15	**OPENING CEREMONY** 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
9.15 – 10.00	**OPENING LECTURE** **Paulo Sampaio**, University of Minho, Portugal *Quality 4.0: state-of-the-art, definition and developments* *Chair: Sabka Pashova, University of Economics-Varna, Bulgaria*
10.00 – 10.45	**KEYNOTE LECTURE** **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**
12.30 – 13.15	**KEYNOTE LECTURE** **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 *Food packaging: main concerns regarding its safety* *Chair: Romdhane Karoui, University of Artois, France*
	SESSION 2. DESIGN, QUALITY AND SAFETY OF NON-FOOD PRODUCTS **Chair:** *Raquel Sendón, University of Santiago de Compostela, Spain*
9.50 – 10.05	**Wojciech Kozak**, Poznań University of Economics and Business, Poland *Determination of oxygen transmission rate of packaging materials using dynamic accumulation method*
10.05 – 10.20	**Małgorzata A. Jarossová,** University of Economics in Bratislava, Slovakia *The growing importance of sustainable packaging design*
10.20 – 10.35	**Michal Puchalski**, Lodz University of Technology, Poland *Distributions of random variable in quality assessment of modern nonwoven products on the example of thickness measurement of fibers*
10.35 – 10.50	**Pasquale Giungato,** University of Bari Aldo Moro, Italy *Sustainable consumption of filtering facepiece respirators during COVID-19 outbreak*
10.50 – 11.20	Q&A
11.20 – 11.35	**BREAK**
11.35 – 12.20	**KEYNOTE LECTURE** **Harshadrai Rawel**, University of Potsdam, Germany *Rape seed proteins: Potentials and perspectives in their bio- and technofunctional properties* *Chair: Alfred Błaszczyk, Poznań University of Economics and Business, Poland*
	SESSION 3. DESIGN, QUALITY AND SAFETY OF FOOD PRODUCTS **Chair:** *Harshadrai Rawel, University of Potsdam, Germany*
12.20 – 12.35	**Joanna K. Banach**, University of Warmia and Mazury in Olsztyn, Poland *Evaluation of starch, protein and lipid contents in domestic durum wheat grain from integrated cultivation system by its electrical parameters*
12.35 – 12.50	**Piotr Kafel,** Cracow University of Economics, Poland *Quality and food safety management systems in official statements of selected food sector organizations operating on the Polish stock market*
12.50 – 13.05	**Jacek Lewandowicz**, Poznań University of Technology, Poland *The effect of fat content on quality of natural yoghurt*
13.05 – 13.20	**Małgorzata Muzolf-Panek**, Poznań University of Life Sciences, Poland *Optimization protocol for the extraction of antioxidants from Nigella sativa using single- and multi-response surface methodology*
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 *Research on consumer preferences related to footwear used by people practicing skateboarding. Statistical analysis and selected qualitative aspects*
14.10 – 14.20	**Dominik Sikorski,** Technical University of Lodz, Poland *Chemical modification of chitosan*
14.20 – 14.30	**Monika Engler-Jastrzębska**, Gdynia Maritime University, Poland *Natural sunscreen preparations - a new quality on the cosmetics market*
14.30 – 14.40	**Bożena Filas**, University of Economics in Katowice, Poland *Art in management*
14.40 – 15.00	Q&A
15.00 – 15.10	**Michał Świtalski**, Gdynia Maritime University, Poland *Selected microbiological hazards of unpasteurised and unfiltered craft beers. Product quality and safety management*
15.10 – 15.20	**Natalia Kłopotek,** Gdynia Maritime University, Poland *Directions of using the Kano model to improve the quality of products and services*
15.20 – 15.30	**Maciej Świtalski**, Gdynia Maritime University, Poland *Comparison of the quality parameters of selected types of organic crispbread*
15.30 – 15.40	**Marcin Antoniak**, Poznań University of Economics and Business, Poland *Perception of nutrition claims and the origin of food products*
15.40 – 16.00	Q&A

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SEPTEMBER 15th, WEDNESDAY

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

14.45 – 15.00	**BREAK**
15.00 – 15.45	**KEYNOTE LECTURE** **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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