

# XXI IGWT SYMPOSIUM 2018

SUSTAINABILITY, QUALITY AND INNOVATION:  
A GLOBAL VIEW OF COMMODITY SCIENCES



SEPTEMBER 20-26 2018 • ROME - GAETA

# XXI IGWT SYMPOSIUM

## Conference Program

### Thursday 20th September 2018\_Rome

Roma Tre University-Main Hall-Via Silvio D'Amico, 77

17.30-19.00

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- **REGISTRATION AND WELCOME COCKTAIL**

### Friday 21st September 2018\_Rome

Roma Tre University-Main Hall-Via Silvio D'Amico, 77

09.00-14.00

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- **REGISTRATION**

09.45

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- **MEETING AT ROMA TRE UNIVERSITY AND BUS DEPARTURE FOR PRE-CONFERENCE EVENT**

10.00-12.30

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- **PRE-CONFERENCE EVENT: VISIT TO MONTEMARTINI ELECTRIC PLANT MUSEUM**

13.00

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- **LUNCH@ROMA TRE UNIVERSITY**

14.15-14.45

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- Room 1 **OPENING CEREMONY**

PROF. M.C. LUCCHETTI - PRESIDENT OF THE ORGANIZING COMMITTEE

PROF. S. PASHOVA - IGWT PRESIDENT

PROF. A. RUGGIERI - AISME PRESIDENT

14.45-15.45

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- Room 1 **PLENARY SESSION**  
CHAIR: PROF. M.C. LUCCHETTI-PROF. R. SALOMONE

PROF. L. SHI

**Global production network and industrial symbiosis: some cases from China and Italy**

PROF. C.A. PRATESI

**Five good reasons to invest in inclusive and sustainable business**

**15.45-16.00**

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- **COFFEE BREAK**

**16.00-17.00**

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- Room 1 **PLENARY SESSION**  
CHAIR: PROF. M.C. LUCCHETTI-PROF. R. SALOMONE

PROF. R. BELTRAMO

**Internet of things and innovation for commodity science**

PROF. E. SEIFERT

**Technological Visions - in Retrospect and Prospect**

**19.30**

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- **BUS DEPARTURE FROM ROMA TRE UNIVERSITY TO RESTAURANT**

**20.00**

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- **SOCIAL DINNER IN THE ROMAN GHETTO@ RESTAURANT "AL POMPIERE"**

**Saturday 22nd September 2018-Rome**

**Roma Tre University-Main Hall-Via Silvio D'Amico, 77**

**08.30-14.00**

- **REGISTRATION**

**09.00-10.30**

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- Room 1 **WORKING SESSION 1-CHAIR:** PROF. G. LAGIOIA-PROF. R. SALERNO-KOCHAN
  - **107** Data variability in the LCA of durum wheat production in Italy  
Presenter: *Serena Masini (University of Bari Aldo Moro - Italy)*  
Authors: *Serena Masini, Bruno Notarnicola, Giuseppe Tassielli, Pietro Alexander Renzulli, Gianluca Palladino*
  - **85** The model of the Circular Economy as a strategy for the sustainability of the tanning industry  
Presenter: *Giancarlo Palumbo (University of Napoli Federico II)*  
Authors: *Isabella Maria De Clemente, Giancarlo Palumbo*

- **19** The 'closed loop' economy in biogas Italian sector  
Presenter: *Daniela Sica (University of Salerno - Italy)*  
Authors: *Daniela Sica, Ornella Malandrino, Stefania Supino*
- **114** Economic and social implications of a small-scale event: The case of the Brompton World Championship 2018 event in Torino  
Presenter: *Stefano Duglio (University of Turin - Italy)*  
Authors: *Stefano Duglio, Riccardo Beltramo, Simone Conte, Cristian D'Affuso*
- **14** Ecotourism development in Vayots Dzor region (Armenia): needs and future perspectives  
Presenter: *Leonardo Borsacchi (University of Florence - Italy)*  
Authors: *Leonardo Borsacchi, Andrea Ferrannini*

## 10.30-11.30

- Room 1 **COFFEE BREAK AND POSTER SESSION**

- **128** A literature review on Recycled Fibers in Reinforced Concrete  
Authors: *Roberto Merli, Michele Preziosi, Alessia Acampora, Maria Claudia Lucchetti, Elisabetta Petrucci*
- **39** An Analysis of Financial and Economic Indicators as a Support to Investment in Biomass Energy Plants  
Authors: *Agata Matarazzo*
- **67** Activities of hotels in Slovakia to protect environment and support local farmers  
Authors: *Lubica Knoskova, Malgorzata Jarosova*
- **43** Antimicrobial activity of gelatin-siloxane hybrid films enriched with essential oils  
Authors: *Mariusz Tichoniuk, Patrycja Wojciechowska, Hieronim Maciejewski*
- **120** Waste Management and agroindustrial biomass (e.g. Tomato) for active compounds recovery and green compost production  
Authors: *Annalisa Romani, Arianna Scardigli, Silvia Urciuoli, Pamela Vignolini, Maria Francesca Belcaro*
- **47** Application of screen printed electrochemical sensor as a usable platform for environment pollution analyses  
Authors: *Mariusz Tichoniuk, Marta Ligaj*
- **17** Correlation between sequestrant type and properties of mild soap-based hand washing products  
Authors: *Artur Seweryn, Tomasz Wasilewski, Anita Bocho – Janiszewska, Jolanta Jasińska, Monika Pęksa*
- **3** Does environmental awareness enables individuals to switch behaviors toward collaborative consumption in the transportation sector?  
Authors: *Roberta Guglielmetti Mugion, Martina Toni, Laura Di Pietro, Maria Francesca Renzi, Maria Giovina Pasca*
- **65** Consumer satisfaction and consumer behaviour on the wearable devices market  
Authors: *Štefan Žák, Mária Hasprová*
- **66** Closing the cycle by reusing treated wastewater: the role of Prato within the EU Partnership on Circular Economy  
Authors: *Leonardo Borsacchi, Alessandro Brogi, Donatella Fibbi, Patrizia Pinelli*
- **103** Economical technological and environmental issues of the shipbreaking sector: a review  
Authors: *Anna Tacente, Bruno Notarnicola, Giuseppe Tassielli, Pietro Alexander Renzulli*
- **84** Effect of a cover crop and organic mulching on the transfer of soil arsenic to crops plant tissues

Authors: *Ilenia Bravo, Sara Spognardi, Emanuele Radicetti, Patrizia Papetti, Roberto Mancinelli*

- **134** How the food chain practice and diet could contribute to a better environmental sustainability conditions?  
Authors: *Gabriella Arcese, Carlo Alberto Pratesi, Luca Ruini*
- **129** Environmental Trade Barriers: implicit, explicit or socio-institutional barrier on sustainable point of view to set the classification measures.  
Authors: *Sergio Sparacia*
- **23** Industry 4.0 in the food sector: 3D printed food  
Authors: *Lolita Liberatore, Laura Bravi, Nicola Casolani, Federica Murmura, Dante Casasanta*
- **121** Innovative use of Active Substrate and phytoremediation technologies for soil hydrocarbons environmental impact  
Authors: *Annalisa Romani, Roberta Bernini, Margherita Campo, Manuela Ciani Scarnicci, Maria Francesca Belcaro, Claudia Masci, Demetrio Bova, Filomena ()*
- **127** Framing the tourism industry into circular economy practices  
Authors: *Roberto Merli, Michele Preziosi, Alessia Acampora*
- **122** Optimization of a poly-functional platform of Circular Viticulture for the production of quality wines, active principles from waste biomasses and energy  
Authors: *Francesca Ieri, Ch Cassiani, Silvia Urciuoli, Chiara Vita, Annalisa Romani*
- **52** Food freshness indicator for intelligent packaging of raw fish  
Authors: *Mariusz Tichoniuk, Natalia Radomska, Ryszard Cierpiszewski*
- **53** Changes in properties of biodegradable polyesters under the influence of gamma radiation  
Authors: *Karolina Wiszumirska, Wojciech Kozak, Dorota Czarnecka-Komorowska, Marta Biegańska*
- **81** Quality parameters of Hempseed (Cannabis S.) oil by sustainable methods: an LCI and LCC application  
Authors: *Salvatore Ciano, Laura Gobbi, Mattia Rapa, Giuliana Vinci*
- **131** Smart tourism and technology systems for local system development: a case study from Lazio Region  
Authors: *Maria Claudia Lucchetti, Gabriella Arcese, Olimpia Martucci*
- **56** Life Cycle Assessment in automotive application – direction of trends and development  
Authors: *Zenon Foltynowicz, Jakub Grygiel, Katarzyna Joachimiak-Lechman*
- **42** Research on the relationship between quality and social media  
Authors: *Doru Alexandru Plesea, Bogdan Cristian Onete, Sonia Budz*
- **73** Barrier Properties of Edible Films From Pectin and Hydroxypropyl Methylcellulose  
Authors: *Sabka Pashova, Radoslav Radev, Georgi Dimitrov*
- **25** Analysis of the state of air pollution with pm10 and pm2.5 including tph in the chemical composition of dust by bioindicators  
Authors: *Andrzej Chochół, Przemysław Szopa, Anna Gacek, Jacek Czerniak, Maciej Sarnek*
- **113** Application of Life Cycle Assessment to a typical mushrooms Italian production  
Authors: *Mattia Rapa, Fabrizio D'Ascenzo, Giuliana Vinci, Roberto Ruggieri, Andrea Esposito*
- **18** Concentrated hand dishwashing liquids with plant extracts obtained under supercritical CO2 conditions as examples of sustainable products  
Authors: *Jerzy Żuchowski, Artur Seweryn, Tomasz Wasilewski*



- **140** Development and formation Pharmaceutical and medical Commodity Science in Ukraine  
Authors: *Yuliya Bezpala, Inna Baranova, Marina Khalavka*
- **101** Directions and prospects for scientific research in the field of fishery farming  
Authors: *Olena Sydorenko, Nadiia Bolila, Olena Petrova*
- **124** European vector of reforming the consumer rights protection system in Ukraine  
Authors: *Nataliia Prytulska, Nataliia Borodachova, Iuliia Motuzka*
- **125** Foresight of the Tourism System of Ukraine  
Authors: *Anatolii Mazaraki, Margarita Boiko*
- **109** Sustainability- a business as usual  
Authors: *Eva Waginger*
- **105** A modern view on the study of the discipline "medical and pharmaceutical commodity science" in the national university of pharmacy  
Authors: *Maryna Khalavka, Svetlana Breusova, Sergii Zaika, Maryna Nikitina, Dmytro Semeniv*
- **78** A new production and management framework. Innovation and sustainability in the housing sector  
Authors: *Andrea Rocchi*
- **31** Comparison of two methods used for assessing of plastically deformed stainless steel: microhardness measurements and positron annihilation spectroscopy  
Authors: *Maciej Sarnek, Ewa Dryzek, Przemysław Szopa*
- **11** Energy efficiency of renewable sources: the state of the art  
Authors: *Roberto Leonardo Rana , Mariarosaria Lombardi, Pasquale Giungato, Caterina Tricase*
- **28** Producers' needs analysis and quality improvement for the sustainable development of cherries cultivation in Lebanon  
Authors: *Patrizia Pinelli, Leonardo Borsacchi*
- **71** Sustainable use of natural resources for the economic development of Apulian wine sector  
Authors: *Francesca Lonoce, Giovanni Lagioia, Vera Amicarelli*
- **48** Non-tariff measures on agri-food trade: framework for reviewing geographical indications in the republic of China  
Authors: *Sergio Sparacia*
- **13** The capability of broccoli cabbage sorts for freezing  
Authors: *Nataliia Kamienieva, Svitlana Belinska, Stanislava Levytska*
- **22** Tax agencies, innovation and customer satisfaction: a case from Sardinia (Italy)  
Authors: *Gavino Balata, Alessio Tola*
- **24** The bioremediation method based on pseudomonas bacteria in the process of water purification from tph compounds  
Authors: *Przemysław Szopa, Anna Gacek, Jacek Czerniak, Andrzej Chochół*
- **133** Model of sustainable tourism: the "Cinque Terre National Park"  
Authors: *Olimpia Martucci, Gabriella Arcese, Chiara Montauti*
- **4** Food losses and waste management as part of commodities science - case studies in Poland  
Authors: *Karol Krajewski, Monika Świątkowska*
- **99** Positive impact of integrated management system implementation  
Authors: *Marta Karkalikova, Alica Lacková, Rastislav Strhan*
- **26** INTERNAL ASSESSMENT OF THE QUALITY OF EDUCATION IN UNIVERISTIES  
Authors: *Andrzej Chochół, Olga Hnatyszak*

- **86** Introspection upon past hospitality, in hope of normality  
Authors: *Puiu Nistoreanu, Liliana Nicodim, Bogdan Gabriel Nistoreanu*
- **35** The Danish waste management: An exemplary model or an unsustainable system?  
Authors: *Marcello Ruberti, Benito Leoci*
- **20** The CSR in the Italian fashion sector: evidence from Italy  
Authors: *Daniela Sica, Ornella Malandrino, Stefania Supino*
- **10** Italian protected natural areas registered under emas: focus on interested parties  
Authors: *Alfredo Ernesto Di Noia, Giuseppe Martino Nicoletti*
- **49** On the shoulder of giants to see the future of "toyota's cultural regime": a cost-quality-driven approach for smes for promoting a sustainable business environment  
Authors: *Sergio Sparacia*
- **64** The Demonstration Garden Of Monterotondo: an example of Urban Agriculture between sustainable production and social benefits  
Authors: *Patrizia Papetti, Sara Spognardi Spognardi, Claudio Beni Beni, Angela Carelli Carelli, Enrica Iannucci*
- **123** The challenge of ISO 22005:2007 standard on Olive Oil production  
Authors: *Nicolò Passeri*
- **15** The diversification of luxury brands in the hotellerie segment  
Authors: *Angela Carelli, Patrizia Papetti, Alessandra Nardone*
- **55** The future of hemp in fashion industry: a critical analysis  
Authors: *Maria Rosaria Sessa, Ornella Malandrino, Stefania Supino*
- **137** The important role of Urban agriculture: benefits and limits  
Authors: *Patrizia Papetti, Sara Spognardi, Claudio Beni, Enrica Iannucci, Angela Carelli*
- **138** The important role of Urban agriculture: the demonstration garden of Tor Mancina  
Authors: *Patrizia Papetti, Sara Spognardi, Claudio Beni, Ilenia Bravo, Enrica Iannucci*
- **83** The influence of drying temperature on the consumer properties of paper  
Authors: *Svitlana Stretovych, Ludmila Andrievska, Leonid Koptiukh, Tetyana Glushkova*
- **92** The intelligent urban management system – a future step toward a sustainable development of future cities  
Authors: *Doru Alexandru Plesea, Roxana Sarbu, Cristian Bogdan Onete, Sonia Budz*
- **94** The Investigation Of Finishing Of Leather Lining Inside Shoes With Natural Biocides  
Authors: *Ewa Marcinkowska, Elżbieta Bielak, Justyna Syguła-Cholewińska*
- **30** The level of implementation of sustainable development in poland and in the world towards 2030  
Authors: *Jadwiga Adamczyk*
- **21** The role of eco-innovations in developing a sustainable product  
Authors: *Waclaw Adamczyk*
- **126** The role of extrinsic quality cues in food  
Authors: *Cecilia Silvestri, Alessandro Ruggieri, Enrico Mosconi*
- **97** The Science-based target Initiative for Business Climate Management  
Authors: *Barbara Campisi, Paola Masotti, Paolo Bogoni*
- **34** The study of the intelligent packaging progress based on patent landscape analysis  
Authors: *Zenon Foltynowicz, Ryszard Cierpiszewski*

- **87** Thermalphysic characteristics of blankets with natural protein textile fillers  
Authors: *Galyna Mykhailova, Halyna Ozymok, Svitlana Bulenok*
- **98** Use of organic food in hospitality organisation in Slovakia  
Authors: *Alica Lacková, Marta Karkalikova, Rastislav Strhan*
- **79** Applications and Implications of Sensory Analysis to the Quality Management System of an agrifood company. The case of Mondodelvino SpA.  
Authors: *Gavino Balata, Carlo Piga, Luca Chiusano, Alessio Tola*
- **38** Biogas production by means of livestock compost in a Sicilian zootechnical farm  
Authors: *Agata matarazzo, Maria Teresa Clasadonte, Antonio Zerbo*
- **82** Challenges and opportunities of textile market development towards sustainability  
Authors: *Renata Salerno-Kochan, Mateusz Kowalski*
- **68** Defining of colour characteristics of precious stones with an assessment system of colorimetric identification  
Authors: *Svetlana Zolotova*

### 11.30-13.00

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- Room 1 **WORKING SESSION 2-CHAIR: PROF. B. NOTARNICOLA-PROF. E.K. SEIFERT**
  - **90** Testing Corporate Social Responsibility Faith in Pakistani Organizations  
Presenter: *Muhammad Ishtiaq Ishaq (Imperial College of Business Studies Lahore)*  
Authors: *Muhammad Ishtiaq Ishaq, Arif Aziz*
  - **115** The impact of communication on consumers' attitudes towards environmental products in emerging countries  
Presenter: *Nasser Bouchareb (Setif 1 University - Algeria)*  
Authors: *Nasser Bouchareb*
  - **116** Corporate Sustainability through the Integration of Management Systems. A Research on the Italian Wine Sector, in the light of the publication of the new Standard ISO 45001.  
Presenter: *Alessandra Ghi (University of Rome Sapienza - Italy)*  
Authors: *Alessandra Ghi, Rita Jirillo*
  - **100** Competitiveness of Slovak wine industry in the European Economic Area with a focus on the Visegrad countries  
Presenter: *Vanda Rogovska (Research Institute of Agricultural and Food Economics)*  
Authors: *Vanda Rogovska*
  - **117** Improvement of cognac spirits' aging process using physical methods (Selection of oak wood in different regions)  
Presenter: *Silva Sagradyan (Armenian State University of Economics)*  
Authors: *Silva Sagradyan, Amelia Ghazaryan, Narine Hovhannisyan*

### 13.00-14.00

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- **LUNCH**

### 14.00-15.30

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- Room 1 **WORKING SESSION 3-CHAIR: PROF. Z.FOLTYNOWICZ-PROF. S.SUPINO**

- **12** A new concept in the production of bread using unconventional raw materials  
Presenter: *Narine Hovhannisyan (Armenian National Agrarian University)*  
Authors: *Narine Hovhannisyan, Silva Sagradyan*
- **27** Sustainable development of Medjool date cultivation in Jericho: improvement of quality management and evaluation of multifunctional properties  
Presenter: *Patrizia Pinelli (University of Florence - Italy)*  
Authors: *Patrizia Pinelli, Leonardo Borsacchi*
- **119** Sustainable and innovation fig production and resilient in critical area of Egypt to reduce the FLW (food losses and waste)  
Presenter: *Paolo Fiume (CIHEAM Bari)*  
Authors: *Paolo Fiume, Ivan Virtuosi, Pamela Vignolini, M. Francesca Belcaro, Alberto Dragotta, Annalisa Romani*
- **111** Private Sector Participation in Biodegradable Waste Treatment – a Bulgarian Municipality Case Study  
Presenter: *Dessislava Kotcheva (Bulgaria -- University of National and World Economy)*  
Authors: *Daniela Ivanova, Dessislava Kotcheva*

#### 15.30-16.45

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- **IGWT ORDINARY ASSEMBLY**

#### 16.45-17.00

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- COFFEE BREAK

#### 17.00-17.30

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- **IGWT EXTRAORDINARY ASSEMBLY - DISSOLUTION**

#### 17.30-18.00

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- **FOUNDATION OF THE NEW INTERNATIONAL ASSOCIATION**

#### EVENING

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- **FREE TIME IN ROME**

### **Sunday 23rd September 2018-Rome and Gaeta**

#### **HOTEL MIRASOLE INTERNATIONAL-Via Firenze, 5 Gaeta**

#### 09.00-14.00

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- **FREE TIME IN ROME**

#### 14.30

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- **BUS TO GAETA - MEETING AT ROMA TRE UNIVERSITY(VIA SILVIO D'AMICO,77)**

**17.00**

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- **ARRIVAL IN GAETA**

**20.00**

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- **GALA DINNER IN GAETA @HOTEL MIRASOLE INTERNATIONAL**

## **Monday 24th September 2018-Gaeta**

### **Sale dell'Annunziata-Via Annunziata, 21, Gaeta**

**09.00-14.00**

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- **REGISTRATION**

**09.30-11.30**

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- Lecture hall **PLENARY SESSION** CHAIR: PROF. M.C. LUCCHETTI-PROF. L. SHI

PROF. R. PAMFILIE

**Building the future through responsible and sustainable innovation**

PROF. Z. FOLTYNOWICZ

**Circular solutions to boost sustainability**

PROF. S. PASHOVA

**Barrier proprieties of edible films form pectine and hydroxypropyl methylcellulose**

PROF. M. TRAVERSO

**Social Life Cycle Assessment: state of the art and further development**

**11.30-11.45**

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- **COFFEE BREAK**

**11.45-13.15**

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- Lecture hall **WORKING SESSION 4** CHAIR: PROF. D. IVANOVA- DR. R. MERLI

- **32 Business Ethics Challenges and Mixed Consequences of the Sharing Economy**

Presenter: *Calin Gurau (France -- Montpellier Business School)*

Authors: *Calin Gurau*

- **44 Do Energy Labels Matter to Slovak Consumers When Shopping for Household Appliances?**

Presenter: *Lubica Knoskova (University of Economics in Bratislava)*

Authors: *Lubica Knoskova, Alena Donovalova*

- **106** Selected aspects of Green Logistics and management of a production company in the supply chain  
Presenter: *Irena Jałmużna (University of Lodz - Poland)*  
Authors: *Irena Jałmużna, Jan Królikowski, Marek Sekieta, Anna Paluch, Izabela Buchta, Elżbieta Garbacz*
- **29** Legal requirements for the admission of plastic materials and articles that come into contact with food  
Presenter: *Karolina Wiszumirska (Poland, Poznan University of Economics and Business)*  
Authors: *Karolina Wiszumirska*
- **110** Different approaches to the LCA use in the assessment of returned products handling scenarios  
Presenter: *Tomasz Nitkiewicz (University of Krakow - Poland)*  
Authors: *Tomasz Nitkiewicz*

### 13.15-14.15

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- **LUNCH**

### 14.15-15.45

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- Lecture hall **WORKING SESSION 5** CHAIR: PROF. S. PASHOVA-PROF. R. SARBU
  - **70** Improving of the safety of hygiene cosmetics through the use of an appropriate form of the product  
Presenter: *Tomasz Wasilewski (Poland -- University of Technology and Humanities in Radom)*  
Authors: *Tomasz Wasilewski*
  - **112** Assortment and Quality of Water-Dispersion Paints of Different Designated Purpose  
Presenter: *Taras Karavayev (Kyiv National University of Trade and Economics)*  
Authors: *Taras Karavayev, Valentyn Sviderskyi*
  - **96** Cognitive and emotional reactions imposed in configuring the food behaviour of the new generation of consumers in Romania  
Presenter: *Razvan Dina (Bucharest University of Economic Studies)*  
Authors: *Razvan Dina, Lelia Voinea, Dorin Vicentiu Popescu, Teodor Mihai Negrea, Alina Filip*
  - **104** Medical devices: experience of implementation of this topic for students of the pharmaceutical direction  
Presenter: *Inna Baranova (Ukraine -- National University of Pharmacy)*  
Authors: *Inna Baranova, Yulia Bezpalya, Svetlana Kovalenko, Maryna Khalavka*

### 15.45-16.00

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- **COFFEE BREAK**

### 16.00

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- **GAETA TOUR AND VISIT TO THE "SPLIT MOUNTAIN"**

### 20.00

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- **SOCIAL DINNER IN GAETA@RESTAURANT "LE SALE DELLA REGINA"**

## Tuesday 25th September 2018-Gaeta

### Sale dell'Annunziata-Via Annunziata, 21, Gaeta

09.30-11.00

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- Lecture hall **WORKING SESSION 6** CHAIR: PROF. T. KARAVAYEV-PROF. R. STRHAN

- **108** Assessing Water and Carbon Footprint of Fresh-Cut Salad  
Presenter: *Giuseppe Martino Nicoletti (University of Foggia - Italy)*  
Authors: *Giuseppe Martino Nicoletti, Giulio Mario Cappelletti, Carlo Russo, Miriam Spalatro*
- **72** Business model innovation for the energy management of building networks in smart cities  
Presenter: *Carlo Amendola (University of Rome Sapienza - Italy)*  
Authors: *Carlo Amendola, Marco Savastano*
- **2** Preventive control of aflatoxins in peanuts  
Presenter: *Marieta Stefanova (University of Economics - Varna)*  
Authors: *Marieta Stefanova, Sabka Pashova*
- **102** Modeling of biogas emissions from MSW landfills: a literature review  
Presenter: *Rosa Di Capua (University of Bari Aldo Moro - Italy)*  
Authors: *Rosa Di Capua, Bruno Notarnicola, Giuseppe Tassielli, Pietro Alexander Renzulli*
- **9** Eco-friendly compact liquid laundry detergents containing plant enzymes  
Presenter: *Anita Bocho-Janiszewska (Poland, University of Technology and Humanities in Radom, Faculty of Technology, Material Science an)*  
Authors: *Anita Bocho-Janiszewska*

11.00-11.15

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- **COFFEE BREAK**

11.15-12.45

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- Lecture hall **WORKING SESSION 7** CHAIR: PROF. G.M. NICOLETTI-PROF. R. PAMFILIE

- **77** Digitising Commodity Science - Researching and Teaching Commodity Science in computerized times  
Presenter: *Susanne Gruber (Austria -- Commercial Schools BFI Vienna / Austria -- Association for Research in Commodity Science)*  
Authors: *Susanne Gruber*
- **93** Consumer attitude and product circularity performance as key determinants of effective implementation of circular economy model. The case of large-size furniture.  
Presenter: *Malgorzata Koszewska (Politechnika Lodzka - Poland)*  
Authors: *Malgorzata Koszewska, Maciej Bielecki*
- **132** Evaluate the stakeholder involvement in the Italian social business: the experiences of People T&C  
Presenter: *Gabriella Arcese (University of Roma Tre - Italy)*  
Authors: *Maria Claudia Lucchetti, Michela Colatosti, Gabriella Arcese*
- **76** Perception of quality as instrument of customer classification and marketing strategy

Presenter: *Rastislav Strhan (University of Economics in Bratislava, Slovakia)*  
Authors: *Rastislav Strhan*

**13.00-14.00**

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- **LUNCH**

**14.00-15.00**

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- **CLOSING CEREMONY**

**15.00**

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- **TRANSFER TO ROME BY BUS (OR OPTIONAL PROGRAM)**

**20.00**

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- **DINNER IN GAETA FOR POMPEII TOUR PARTICIPANTS**

**Wednesday 26th September 2018**

**HOTEL MIRASOLE INTERNATIONAL-Via Firenze, 5 Gaeta**

**08.00**

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- **VISIT TO POMPEII BY BUS (LUNCH INCLUDED)**

**18.00 / 19.00**

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- **ARRIVAL IN ROME**