



## SPIL in 12<sup>th</sup> SDEWES Conference Dubrovnik 2017

<[www.dubrovnik2017.sdewes.org](http://www.dubrovnik2017.sdewes.org)>

### PANEL SESSION: GETTING PUBLISHED IN AN INTERNATIONAL JOURNAL, PERSPECTIVES OF THE PUBLISHER AND THE EDITORS-IN-CHIEF



#### Speakers (Editors in Chief):

Dr Aoife Foley (Renewable and Sustainable Energy Reviews), Prof Jiří Jaromír Klemesš (Journal of Cleaner Production), Prof Ruzhu Wang (Energy), Prof Soteris Kalogirou (Renewable Energy), Prof Henrik Lund (Energy)

#### Moderator:

Ms Fernanda Ogochi (Elsevier)

**Presentation Title:** Promoting your Research for Maximum Impact by Prof Jiří Jaromír Klemesš



## SPIL PANEL SESSION: SUSTAINABLE PROCESS INTEGRATION: SIMULTANEOUS MINIMISATION OF RESOURCE INTAKE AND EMISSIONS



### Speakers:

Prof Vincenzo Dovì (Italy), Prof Neven Duić (Croatia), Ms Yee Van Fan (Czech Rep), Dr Aoife Foley (UK), Prof Michael Walmsley (New Zealand), Prof Zdravko Kravanja (Slovenia).



## The Speakers



**Prof. Vincenzo Dovì'**  
Universita' di Genova, Genova, Italy



**Prof. Neven Duić**  
University of Zagreb, Zagreb, Croatia



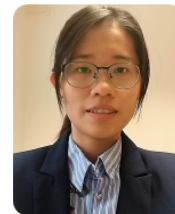
**Prof. Zdravko Kravanja**  
University of Maribor, Maribor, Slovenia



**Dr. Aoife Foley**  
Queen's University Belfast, Belfast, United Kingdom



**Prof. Michael Walmsley**  
University of Waikato, Hamilton New Zealand



**Ms Yee Van Fan**  
Brno University of Technology, Brno, Czech Republic

### Moderators:

Prof Jiří Jaromír Klemeš (BUT Brno, CZ), Dr Petar Varbanov (BUT Brno, CZ)

**Topics:**

1. The Role of Environmental Modelling in Process Optimisation
2. Integration of power, heating, water and transport systems, using excess in one as resource in the other
3. Towards Sustainable Sea Transportation
4. Optimal Synthesis of Sustainable Systems by Considering Sustainability Measurements
5. Key Energy Ratios
6. Minimisation of Resource Intake and Emissions in the era of the Instantaneous Gratification



Dr Varbanov (CZ)

Ms Fan (CZ)



Prof M Walmsley (NZ)

Dr Foley (UK)



Prof Duić (HR)

Prof Dovì (IT)

Prof Kravanja (SI)



## SPIL SPECIAL SECTION: ENERGY AND WATER EFFICIENCY FOR SUSTAINABLE FUTURE: KNOWLEDGE DEVELOPMENT AND TRANSFER

**Title:** A Hybrid Method for Synthesis of Integrated Water and Regeneration Networks with Variable Removal Ratios



Ms Mabitla (ZA)

**Title:** A review on thermoelectric-hydraulic performance of thermoelectric power generator system with heat exchangers



Prof Wang (CN)

**Title:** Understanding Energy Ratios: A Comparative Study of Common Renewable and Non-Renewable Electricity Generation Approaches



Dr T Walmsley (CZ)

**Title:** The Role of Inverse Environmental Modelling in the Analysis of Sustainable Processes



**Title:** Pinch Analysis in a Hydrocracking Unit using FI2EPI



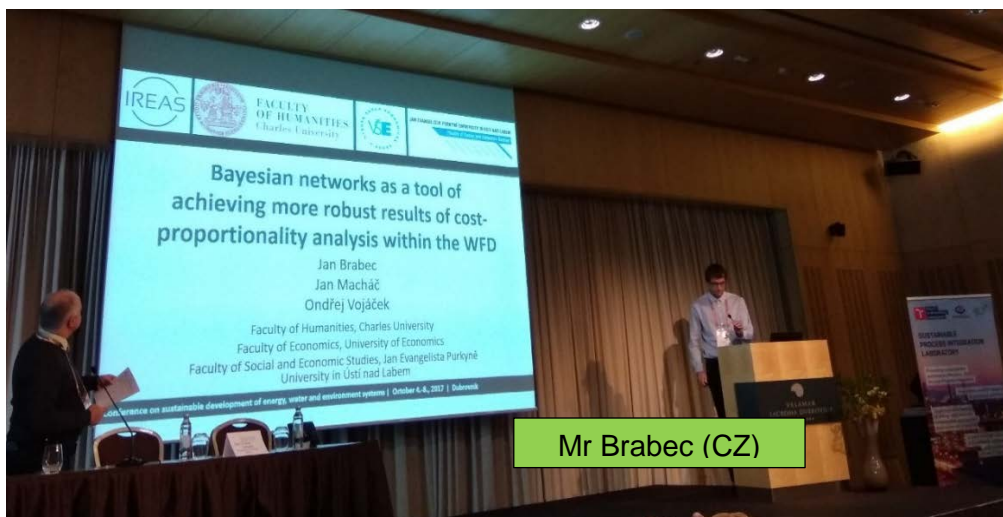
**Title:** Solar Energy Driven Airflow: Solar Chimneys vs. PV Powered Fans



**Title:** A Master Plan for the Implementation of Sustainable Enterprise Resource Planning Systems (Part V): Evaluation of a Framework (summary)



**Title:** Bayesian networks as a tool of achieving more robust results of cost-proportionality analysis within the WFD



**Title:** Utilizing of LNG reservoirs for operative accumulation of energy



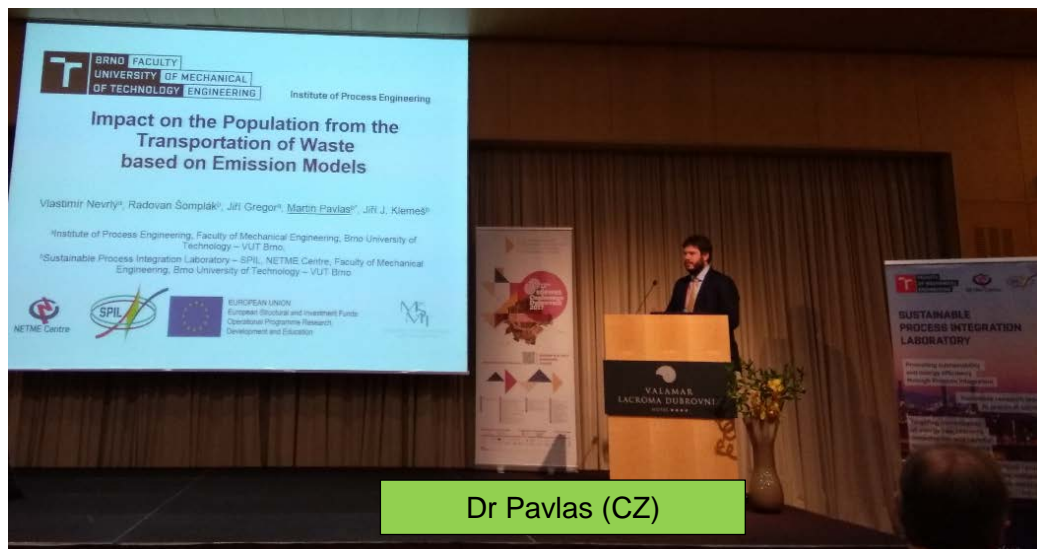




**Title:** Evacuation Route Planning for Total Sites in Industry



**Title:** Impact on the Population from the Transportation of Waste Based on Emission Models



**Title:** Review of the Challenges and the Potential of Available Modelling Tools for Total Site Integration and Utility System Optimisation



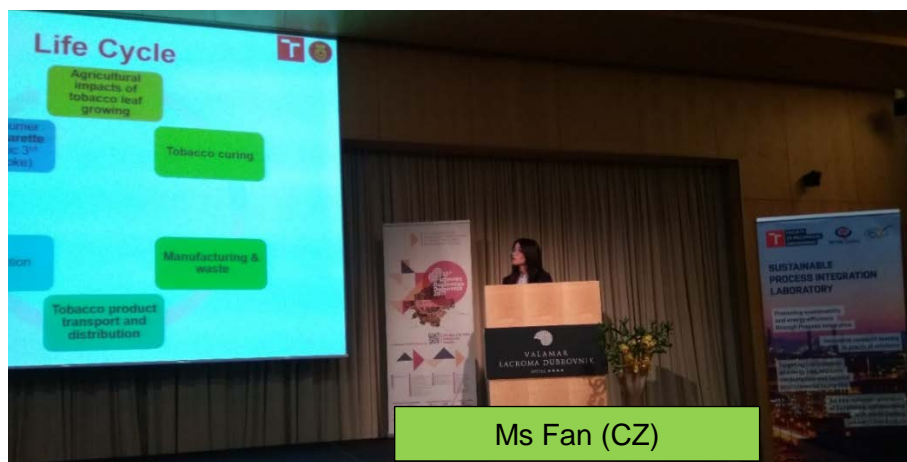
**Title:** A New Relationships for Evaluating Carbon Emissions and Primary Energy use in Electricity Generation



**Title:** Overview and Perspectives on Water Availability Footprint



**Title:** The Environmental Footprints and Available Handling for Cigarette butts





## SPIL REPRESENTATIVE AS A CHAIRMAN/ COMMITTEE IN SDEWES 2017



Chair of Plenary Lecture - Prof Jiří Jaromír Klemeš



Chairs of Special Session - Prof Jiří Jaromír Klemeš, Dr Petar Varbanov



Award Committee - Prof Jiří Jaromír Klemeš



Evaluation Committee - Dr Petar Varbanov



## GROUP PHOTO

