Workshop

**Renewable Energy and Energy Efficiency in Industrial Processes**

Slovak Centre of Scientific and Technical Information (SCSTI), Slovakia, March 27th, 2014

**REGISTRATION FORM**

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| --- | --- |
| **Surname:** |  |
| **First name:** |  |
| **Title:** |  |
| **Company/Institution:** |  |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Comment (if necessary): |  |

**Note:**

**Please, send this registration form to** [**ummsjerz@savba.sk**](mailto:ummsjerz@savba.sk) **as soon as possible  
(not later than March 21st, 2014).**

**Renewable Energy and Energy Efficiency in Industrial Processes**

WORKSHOP ON RECENT DEVELOPMENTS ON EFFICIENT UTILIZATION OF RENEWABLE  
ENERGY SOURCES AND RELATED KNOWLEDGE TRANSFER INTO THE INDUSTRY

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| **Date:** | **March 27th, 2014** |
| **Venue:**  **Costs:**  **Registration:**  **Language:** | Slovak Centre of Scientific and Technical Information (SCSTI)  Lamačská cesta 8/A, Bratislava, Slovakia free entry for registered and accepted participants  e-mail: **ummsjerz@savba.sk**  English [**www.enspiration.eu**](http://www.innovmat.eu) |

**PRELIMINARY PROGRAM**

8:30 – 9:00 a.m. **Registration**

**Session I: *“Energy Efficiency Management and Investment”***

Moderator: **Jaroslav Jerz**, Institute of Materials & Machine Mechanics SAS, Bratislava, Slovakia

9:00 a.m. **Welcome Speech** **Karol Iždinský**, Director of Institute of Materials & Machine Mechanics SAS, Bratislava, Slovakia

9:10 a.m. **E-nspiration – an energy related multidisciplinary knowledge alliance**

**Brigitte Kriszt**, E-nspiration Knowledge Alliance – coordinator, University of Leoben, Austria

9:30 a.m. **Smart Networks and technology transfer support**

**Ľubomír Bilský**, Slovak Centre of Scientific and Technical Information (SCSTI), Bratislava, Slovakia

9:50 a.m. **Coffee Break**

10:20 a.m. **Energy efficiency of metal industry processes**

**Gert Nilson**, Jernkontoret - the Swedish Steel Producers' Association, Stockholm, Sweden

10:40 a.m. **Cleantech technologies – from start-ups to global leaders**

**Radoslav Mizera**, Solved – The Cleantech Company Ltd., Bratislava, Slovakia

11:00 a.m. **Progressive technologies of energy production – renewable energy sources**

**Roman Bajtoš**, Intech Slovakia Ltd., Bratislava, Slovakia

11:20 a.m. **Buffet Lunch**

**Session II: *“Smart Grids, Smart Factories, Smart Cities”***

Moderator: **František Simančík**, Institute of Materials & Machine Mechanics SAS, Bratislava, Slovakia

12:30 p.m. **Development trends in the field of Smart Cities**

**Patrik Križanský**, Schrack Technik Ltd., Bratislava, Slovakia

12:50 p.m. **Renewable energy commercialization**

**Jaroslav Jerz**, Institute of Materials & Machine Mechanics SAS, Bratislava, Slovakia

1:10 p.m. **Closing remarks and discussion**

**Brigitte Kriszt**, University of Leoben, Austria

**František Simančík**, Institute of Materials & Machine Mechanics SAS, Bratislava, Slovakia

1:30 – 3:00 p.m. **Excursion to Smart Grid – testing laboratory of renewable energy technologies**

This testing Smart Grid laboratory has been launched in mutual cooperation of four institutes of SAS and the Slovak University of Technology in Bratislava with financial support 6 million EUR from ERDF within the project oriented to study effective management of production and consumption of renewable energy. The laboratory built in the experimental hall of the Institute of Materials & Machine Mechanics SAS in Campus of SAS in Bratislava - Patrónka is equipped with 29 kW photovoltaic power plant, concentrated thermo-solar panels, heat pumps for conversion of geothermal energy from four 100 m deep drill holes, heat storage vessels and advanced control units.



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