



## **INVITATION TO: First International Workshop on Electrical and Computer Engineering**

The workshop will take place in Cracow at the Cracow University of Technology in May 22<sup>nd</sup> and 23<sup>rd</sup>. All participants from universities and the industry are welcome.

Prior declaration of participation is required **BY THE END OF APRIL** (number of people attending from each institution) due to the problems with accommodation in Cracow.

### **The agenda and topics:**

The workshop is a free of charge event taking place in Cracow University of Technology at the Faculty of Electrical and Computer Engineering. The aim of the workshop is the exchange of experiences in various research fields connected to electrical engineering and to establish contacts between universities and the industry.

The goal is that workshop becomes a spin platform to start common projects and to establish permanent contacts between universities, what enables the joint applications for European funds. Thus the workshop will not be a simple presentation of the research, but participants, in their short presentations should also include plans for the nearest future.

The cooperation of the universities may result in common projects and in exchange of staff and under- or post-graduate students. The workshop can also include individual talks covering forms of the cooperation between parties.

### **Main topics considered to discuss during the workshop (additional topics can be included by participants):**

1. Electrical machines and drives, their design and applications
2. Diagnostic methods and condition monitoring of electrical machines and drives
3. Control / process theory/ Data mining
4. Smart fluids (semi-active actuators and control, modeling)
5. Energy harvesting
6. Monitoring and diagnostic in industrial processes
7. Integration of renewable sources with the grid
8. Energy quality
9. Power system control and management

### **Workshop schedule:**

#### **Monday May 22<sup>nd</sup> 2017**

9.00 - meeting at Cracow University of Technology at the Faculty of Electrical and Computer Engineering

9.15 - 10.30 – presentations

10.30 - 11.00 – coffee break

11.00 - 12.30 – presentations

12.30 - 13.30 – lunch

13.30 - 15.00 – presentations

18.00 gala dinner at the Cracow city center



**Tuesday May 23<sup>rd</sup> 2017**

9.00 - meeting at Cracow University of Technology at the Faculty of Electrical and Computer Engineering  
9.15 - splitting into groups of interests – talks in groups of interests, discussion about prospective common research topics  
10.30 - 11.00 - coffee break  
11.00 - 12.00 - visiting faculty labs and continuation of talks  
12.30 - 13.30 - lunch  
13.30 - 14.00 - the end of the Workshop

Please let us know how many of participants are coming from your institution (department ) UNTIL THE END OF APRIL since we have to organize accommodation  
We can organize accommodation and cover its costs for the nights 21/22 05 and 22/23 05 for guests coming from abroad.

For more information please contact to PhD Jerzy Szczepanik [jerzy\\_szczepanik@hotmail.com](mailto:jerzy_szczepanik@hotmail.com) or Prof. Witold Mazgaj [wmazgaj@pk.edu.pl](mailto:wmazgaj@pk.edu.pl).