

## INVITATION

### TO THE SCIENTIFIC AND TECHNICAL CONFERENCE

# „Challenges in Operating and Maintaining Electric Machinery at Power Plants and Industrial Facilities”

Organizers



**Date:** 8–9. 05. 2024

**Deadline for participation confirmation:** 20. 04. 2024

**Location:** Nihil Novi Hotel & Restauracja, Rynek 3, 26–600 Radom

*The scientific and technical conference organized by ZUT Energoaudyt and Iris Power Qualitrol – is an event for professionals involved in working with high-voltage equipment at industrial sites, factories, power stations, etc., as well as specializing in the production of such equipment.*

On the *first day*, international experts such as **Mladen Sasic** and **Ozren Orekhovich**, together with leading Polish scientists, will share their experience and practical solutions for improving the efficiency and reliability of generators..

On the second day of the conference, we will focus on the issues of transformer operation. Presentations will be made by professors from Polish scientific research institutes, specialists from ZUT Energoaudyt, as well as an invited guest from Ukraine, who will introduce the topic of transformer oil regeneration.

### Speakers:



and others.

More details:

<https://konferencja.zutenergoaudyt.com.pl>



# KONFERENCJA NAUKOWO-TECHNICZNA

zorganizowana przez  
ZUT ENERGOAUDYT

## SCHEDULE OF THE SCIENTIFIC AND TECHNICAL CONFERENCE 2024

### TUESDAY, MAY 7, 2024.

From 15:00 - accommodation in the hotel

18: 00 - dinner

### DAY I

### WEDNESDAY, MAY 8 2024.

10:00 – 10:30 registration.

10:30 – 10:45 introductory welcome by the President of ZUT Energoaudyt - Mirosław Zając.

10:45 – 11:30 Grzegorz Czempik, Technical Direktor ZUT Energoaudyt Sp. Z o.o.

Topic: Will be announced soon.

11:30 – 11:45 coffee break.

11:45 – 12:45 Mladen Sasic, Professor of Engineering. Manager of the Technical Services Department for Rotating Machines at IRIS Power.

Topic: "Analysis of the conditions leading for partial discharges in high- voltage rotating machines.

12:45 – 13:00 coffee break.

13:00 – 14:00 Mladen Sasic, Professor of Engineering. Manager of the Technical Services Department for Rotating Machines at IRIS Power.

Topic:" Practical cases of partial discharges in insulation systems of generator windings and motors".

14:00 – 15:00 lunch.

15:00 – 15:45 Ozren Oreskovic, Master of Engineering, Managing Director at Veski

Topic: "Using machine learning algorithms to improve monitoring and diagnostics of hydrogenerators" P.1.

15:45 – 16:00 coffee break.

16:00 – 17:15 Ozren Oreskovic, Master of Engineering, Managing Director at Veski

Topic: "Using machine learning algorithms to improve monitoring and diagnostics of hydrogenerators" P.2.

17:15 – 17:30 coffee break.

17:30 – 17:50 Mariusz Mazur, Institute of Power Engineering, Gdansk Division

Topic: "Synchronous compensators as an element of system security improvement during the energy transition".

17:50 – 18:30 panel discussion on the topic of the previous presentation.

18:30 dinner.

*\* the presentations will be translated in English and Polish*



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### DAY II

#### THURSDAY, MAY 9 2024.

- 9:00 – 9:30 registration.
- 9:30 – 10:30 dr had. Inz. Pawel Rozga – Lodz University of Technology  
Topic: “Electroinsulating liquids for transformers – selected issues with a special focus on dielectric properties”.
- 10:30 – 10:45 coffee break.
- 10:45 – 11:30 Andrey Bojarczuk – ABB Hitachi  
Topic: Will be announced soon.
- 11:30 – 12:30 dr. Inz. Zbigniew Szymanski – ENERGOPOMIAR -ELEKTRYKA Sp. Z o.o.  
Topic: „Discussion of the measurement methods on power transformers performed on a working transformer”.
- 12:30 – 13:30 lunch.
- 13:30 – 14:15 mgr. Inz. Magdalena Luszcz – specialist from the oil laboratory ZUT Energoaudyt Sp. Z o.o.  
Topic: „Selected aspects of furan compound analytics in transformer oils”.
- 14:15 – 14:30 coffee break.
- 14:30 – 15:15 Sergiey Stash – design engineer PDTECO Technology  
Topic: "Modern technologies of regenerating used oil for its reuse”.
- 15:15 – 16:00 Miroslaw Zajac, the President of ZUT Energoaudyt Sp. Z o.o.  
Topic: “Drying of transformer insulatiom – methods and problems”.
- 16:00 – 16:15 closing of the conference.
- 16:15 – 18:00 visiting the Radom historical places.
- 18:30 dinner.

## PARTICIPATION FORM:

1. Name and Surname: *(Imię i Nazwisko)*

2. Position: *(Zajmowane stanowisko)*

3. Company Name: *(Nazwa firmy)*

4. Company Legal Address: *(Adres)*

5. Billing Information Tax Identification Number *(Nr. NIP)*

6. Billing Address: *(Adres do faktury)*

7. Contact Number: *(Tel.)*

8. Email Address: *(E-mail)*

9. Choice of Participation Form *(Wybranie formy uczestnictwa)* :

#	Service Name	Price (netto)	Your Choice [ x ]
1	Participation on the first day of the conference dedicated to generators. <i>(Udział w pierwszym dniu konferencji poświęconej pracy generatorów)</i>	1800 PLN	
2	Participation on the second day of the conference dedicated to the transformers. <i>(Udział w drugim dniu konferencji poświęconej pracy transformatorów)</i>	1900 PLN	
3	Participation on both days of the conference. <i>(Udziału w obu dniach konferencji)</i>	3500 PLN	
4	Adding promotional materials about your company in the gifts for the participants <i>(Dodanie materiałów reklamowych)</i>	700 PLN	
<b>Total (net sum)</b> <i>(Razem suma netto)</i>			
<b>Total (Including VAT +23%)</b> <i>(Razem suma brutto (+ 23% VAT))</i>			

10. Hotel Accommodation Date *(Termin zakwaterowania)* :

 07.05 08.05 09.05 No required.

Consent for the use of personal data *(Wymagane zgody)* :

I consent to the transfer of commercial information and contact for marketing purposes by electronic means to ZUT Energoaudyt Sp. z o.o. in accordance with the current legal norms. This consent is given voluntarily and is only intended to facilitate the presentation of commercial information about the offer of ZUT Energoaudyt Sp. z o.o. to the Applicant. The Applicant may withdraw this consent at any time. I consent to the processing of my personal data by ZUT Energoaudyt Sp. z o.o. (Data Administrator) with its office in Warsaw, ul. Marszałkowska 83/33, 00-683, contained in the application (name, surname, email address, phone, company), for needs related to the implementation of this training..

I consent to the publication of my image in the form of a photo/recording\* for promotional and marketing purposes of the "Scientific and Technical Conference ZUT Energoaudyt Sp. z o.o. - IRIS Power - Qualitrol.", which will take place on May 8-9, 2024, in Radom in electronic and printed form.

Date and signature *(Data i podpis osoby upoważnionej)* \_\_\_\_\_

Please make the payment to the bank account: ZUT Energoaudyt Sp. Z o.o. No. 97 1750 1253 0000 0000 2041 0531 BNP Paribas Bank Polska SA.

Please send the filled registration form and payment confirmation for participation in the conference no later than 20.04.2024 to the email address: konferencja@zutenergoaudyt.com.pl