

## SYMPOSIUM CHAIRMAN

Andrei MARINESCU- ICMET CRAIOVA

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## ORGANISING COMMITTEE

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Viorica VOICU	ICMET Craiova
Sonia CĂLINESCU	ICMET Craiova
Hermina DELIU	ICMET Craiova

## IMPORTANT DATA

<b>March 5, 2009</b>	Participants registration and extended abstract submission
<b>March 15, 2009</b> <b>April 10, 2009</b>	Acceptance notification Paper submission
<b>May 6-8, 2009</b>	Symposium

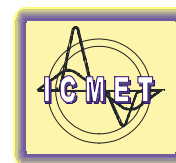
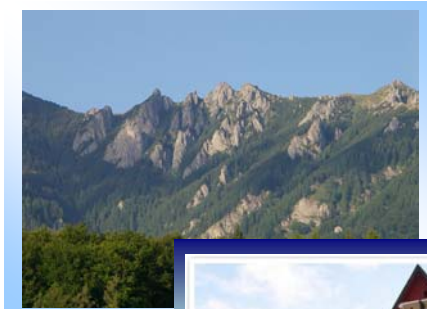
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**NATIONAL RESEARCH DEVELOPMENT  
AND TESTING INSTITUTE FOR  
ELECTRICAL ENGINEERING  
ICMET Craiova**

*In cooperation with*

**Ministry of  
Education, Research  
and Innovation**



**Ministry of Economy**



**First National Symposium**

**Application of Optoelectronic  
Measuring and Monitoring Methods  
in Romanian Power Grid**

**6 – 8 May 2009**

**Cheia, Romania**

**First Announcement**

We are glad to invite you to the scientific event organised at Cheia, Cheia Hotel, Prahova District, by ICMET Craiova in cooperation with the Ministry of Education, Research and Innovation, Ministry of Economy, TRANSELECTRICA, CNR - CIGRE - SC D1, Teletrans, CER, OMEPA, ACER, UPB, ISPE.

## OBJECTIVES

By means of this Symposium hold under the auspices of CIGRE – SC D1, the organisers aim at presenting, under the form of tutorials, scientific papers and posters, contributions regarding:

- Recent progresses in the development and application of modern optoelectronic measuring methods in the electric power transport and distribution networks all over the world and in Romania;
- Present stage and prospects of optoelectronic methods application in Romania considering that a fiber optics infrastructure already exists in Romania.

The scientific event will gather together representatives of the academic and industrial research from Romania and from abroad, private small and medium enterprises, electric power transport and distribution networks, professional associations, ministries and state institutions for a constructive exchange of information and experience and will identify the applicability conditions as well as the cooperation and research-development topics in the next period.

## TOPICS

- CIGRE role in optoelectronic technology application;
- Measurement and monitoring in Romanian power grid and substations by using the existing fiber optics infrastructure;
- Evolution of classical and nonconventional instrument transformer manufacturing for electric substations with a view to improving the measurement accuracy (new series of standards IEC 61869);
- Application of the new series of standards IEC 61850: Communications networks and systems in electric substations;
- Measurement function integration in the line equipment;
- Optical and hybrid sensors for current and voltage measurement at high potential;
- Optical and hybrid sensors for nonelectrical quantities measurement: forces, pressures, temperatures, deformations etc.;
- Optical sensors for the thermal and dielectric condition monitoring of the electric power transmission lines and electric substations equipment.

## PAPER SUBMISSION

The authors will send an extended abstract (400-500 words – one A4 format), up to **March 5, 2009**. (E-mail: market@icmet.ro; icmet@icmet.ro)

Acceptance notification will be sent up to **March 15, 2009**.

The full papers shall be sent up to **April 10, 2009** as PDF files.

All papers shall have 6 pages maximum and will be included on the Symposium CD that will be given to participants at the opening session.

## LANGUAGE

The official language of the symposium is English.

## REGISTRATION AND PARTICIPATION FEE

The participation fee is 150 lei/pers.

The accommodation expenses are paid by the participants according to the registration form.

The accommodation expenses are of 85 EURO / day

All costs for symposium proceedings are ensured by the organisers.

## SYMPOSIUM PROGRAM

Day	Date	Hour	Activity
Wednesday	6.05.2009	17:00 – 20:00	Participants registration
		20:00	Welcome Cocktail
Thursday	7.05.2009	9:00 – 11:00	Opening and paper presentation
		11:00 – 11:15	Coffee break
		11:15 – 13:00	Paper presentation
		13:00 – 14:00	Lunch
		14:00 – 15:45	Paper presentation
		15:45 – 16:00	Coffee break
		16:00 – 18:00	Paper presentation
		19:00	Festive dinner
Friday	8.05.2009	10:00 – 11:30	Discussions Closing
		13:00 – 14:30	Lunch Departure

## SYMPOSIUM PLACE

Cheia resort is located in Prahova District, in a small depression crossed by the Telejean River, guarded by the peak of mountains called Ciucas at an altitude of 875 meters. Placed at about 60 km from Ploiesti, Cheia resort has wonderful landscapes and a tonic-stimulant intramountain-depression climate with highly ozoniferous air being at an optimum altitude for winter sports and trips.

The resort, characterized by relatively low atmospheric pressure, clean air free of dust and allergens and rich in ultraviolet radiation, with a marked ionization of the atmosphere, is a fine rest and recreation place.



A place worth visiting there is Cheia Monastery that was founded in 1770, destroyed by ottoman Turks, rebuilt and then burnt in a fire.

The present church was rebuilt in bricks within 1835-1839 and was painted by Gheorghe Tattarescu in 1837.

