



International Conference on Condition Monitoring, Diagnosis and Maintenance 2011

CMDM 2011

**- Modern Management Technology -
September 19 - 23, 2011, Bucharest, Romania**

First Call for Papers

Invitation

International Conference on Condition Monitoring, Diagnosis and Maintenance 2011 (CMDM 2011) will be held in Bucharest, Romania, in September 19 – 23, 2011.

The Organizing Committee cordially invites you to participate in the conference.

About Bucharest

Bucharest is the capital city, cultural, industrial, and financial centre of Romania, located in the southeast of the country, on the banks of the Dambovită River.

The city was first mentioned in documents as early as 1459, but its roots go far beyond that.

Known for its wide, tree-lined boulevards, glorious Belle Époque buildings and a reputation for the high life (which in the 1900s earned its nickname of "Little Paris"), Bucharest - Romania's largest city is today a bustling metropolis.

Its eclectic architecture is a mix of historical (neo-classical), inter-bellum (Bauhaus and Art Deco), communist-era and modern structures.

Among the key points that should not be missed may be mentioned the **colossal Parliament Palace**, the world's second-largest office building in surface (after the Pentagon) and the third largest in volume (after Cape Canaveral in the U.S. and the Great Pyramid in Egypt) ... or the remains of the **Old Princely Court & Church**, built in the 15th century by Vlad Tepes, also known as Vlad Dracula (The Impaler)... or the **Old City Centre** - Lipscani area , currently home to many art galleries, antique shops and coffeehouses.

About the conference

CMDM 2011 is the conference organized by **CIGRE's Romanian National Committee** and **WEC's Romanian National Committee**, as co-organizer. It is a major event in power systems which will provide an exceptional venue to CIGRÉ and WEC members and interested parties for presenting fundamental and technological developments and for promoting key suppliers of products and services for electrical power systems.

The conference will bring together power systems engineers, decision makers, economists, academics and others with interest in the domain

The conference also promotes CIGRÉ as a strong technical organization, capable of contributing to the technical expertise and know-how through its study committees, conference proceedings and the technical documents.

Conference Slogan **Modern Management Technology**

Main Topics

1. Smart Grids
2. Condition monitoring and diagnosis for power equipment and high voltage lines
3. Condition monitoring and diagnosis in power plants
4. Failure phenomena based on electrical, mechanical, chemical, and thermal causes
5. Degradation assessment for power equipment
6. Modern maintenance tools and technologies
8. Advanced sensing techniques for condition monitoring and diagnosis
9. Applications of artificial intelligence for data mining and condition assessment
10. Substation automatization and automated metering
11. Asset management tools for power equipment
12. Distributed Resources and Renewables.

Language

The working language of the symposium is English.
All printed materials will be published in English.

Exhibition and tours

Company exhibition will be held during CMDM 2011. Technical tours will be planned for several courses, and excursions for accompanying persons will be planned too.

For updated information please visit <http://www.cmdm2011.org> / <http://www.cigre.org.ro>

CMDM 2011 Web Site

<http://www.cmdm2011.org>

Important Dates

Abstract Submission: Febr. 15, 2011

Acceptance/Rejection Notices: Mar. 31, 2011

Manuscript Submission: May 30, 2011

Conference Dates Sep.19 - 23, 2011

Conference Secretariat

CMDM 2011 Secretariat

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Conference website: <http://www.cmdm2011.org> / <http://www.cigre.org.ro>

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Bucharest by images



The **colossal Parliament Palace**, built by Communist Party leader, Nicolae Ceausescu (formerly known as the People's Palace). It is the world's second-largest office building in surface (after the Pentagon) and the third largest in volume (after Cape Canaveral in the U.S. and the Great Pyramid in Egypt); the crystal chandelier in the Human Rights Hall weighs 2.5 tones; it needed 1.000.000 m³ of murble; it took 20,000 workers and 700 architects , that worked in 3 shifts, 24h/day.



With beginning in 15th century, **Lipscani area**, once-glamorous residential area and the old city centre, is now slowly being refashioned into an upscale neighborhood.



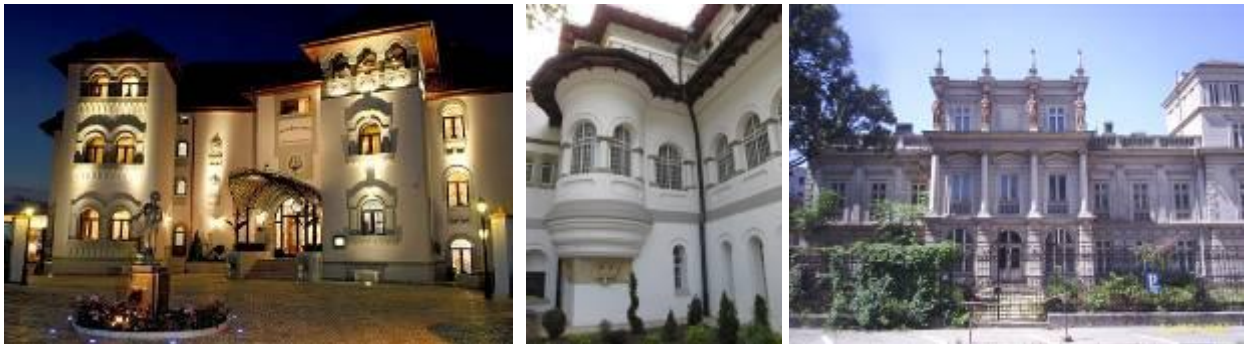
Revolution Square (Piata Revolutiei) - The square gained worldwide notoriety when TV stations around the globe broadcasted Nicolae Ceausescu's final moments in power on December 21, 1989. On the far side of the square stands the former **Royal Palace**, now home to the **National Art Museum** (that includes a roomful of early sculpture of Romanian sculptor **Brancusi**), the stunning **Romanian Athenaeum** and the historic **Athenee Palace Hotel**.



The **Dambovitza River**



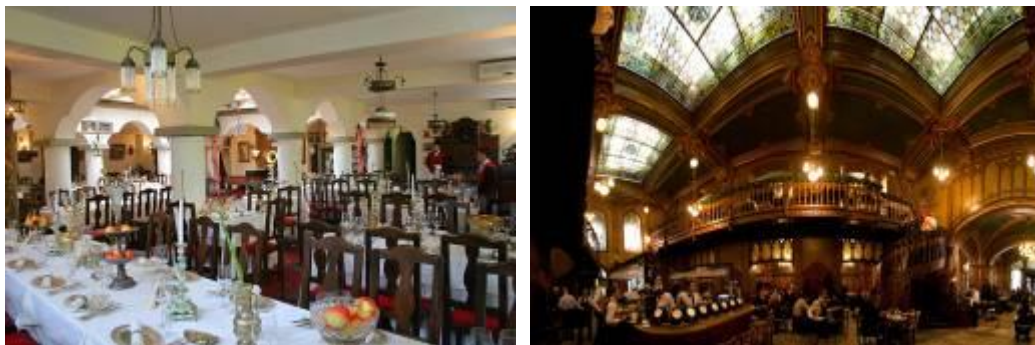
Some of the beautiful palaces of Bucharest: **The Cretulescu Palace** and the **Cantacuzino Palace (George Enescu Museum)**



Suter Palace (ex-KGB office, one of the 2 most luxury hotels in Eastern Europe), **Cotroceni Palace** (the Presidential palace, which includes also the **Cotroceni Museum**), **Stirbei Palace**



Some **modern architecture**



Romanian traditional restaurants – Jaristea & Carul cu Bere