



10<sup>th</sup> INTERNATIONAL CONFERENCE ON THE  
**NUCLEAR OPTION IN COUNTRIES  
WITH SMALL AND MEDIUM  
ELECTRICITY GRIDS**

ZADAR, CROATIA  
1-4 JUNE 2014

**Important dates:**

15 December 2013 Abstract submission  
15 January 2014 Abstract acceptance  
15 March 2014 Paper submission

[info@nuclear-option.org](mailto:info@nuclear-option.org)  
[www.nuclear-option.org](http://www.nuclear-option.org)



Croatian Nuclear Society



in co-operation with IAEA and DZRNS

sponsored

# 10<sup>th</sup> INTERNATIONAL CONFERENCE ON THE NUCLEAR OPTION IN COUNTRIES WITH SMALL AND MEDIUM ELECTRICITY GRIDS

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FIRST ANNOUNCEMENT  
AND CALL FOR PAPERS

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## 10<sup>th</sup> INTERNATIONAL CONFERENCE: NUCLEAR OPTION IN COUNTRIES WITH SMALL AND MEDIUM ELECTRICITY GRIDS

### CONFERENCE SCOPE

In view of good response and success of the previous Croatian Nuclear Society (CNS) conferences, devoted to the needs and interests of countries with small or medium nuclear systems and electricity grids, the CNS's 2014 conference in Zadar will serve the same general purpose, concentrating on the topics which attracted the most interest in previous conferences. It is the follow up conference again intended to save the needs and interests at this important and growing group of countries. The Conference will consider the nuclear option from the point of view of the national energy strategy, resources, costs, technological, organisational and educational requirements, and environmental advantages. It will also focus on matters related to operational safety, fuel cycle, waste management, and decommissioning.

The important goal of the Conference is to promote regional co-operation and exchange of experience in use of nuclear power and fuel cycle facilities among small or medium-sized countries with an interest in the nuclear option.

### TOPICS

It is foreseen that all the conference papers will cover the following topics:

- ◆ Energy Planning and Nuclear Option
- ◆ Power Reactors and Technologies
- ◆ Nuclear Energy and the Environment
- ◆ Operation and Maintenance Experience
- ◆ Safety Culture
- ◆ Nuclear Safety Analyses
- ◆ Nuclear Fuel Cycle
- ◆ Radioactive Waste Management and Decommissioning
- ◆ Public Relations
- ◆ Regulatory Practice
- ◆ Emergency Preparedness
- ◆ Liability and Insurance for Nuclear Damage
- ◆ Economics & Financing
- ◆ Cogeneration
- ◆ Fusion

For an explanation and short description of each topic please visit the Conference website ([www.nuclear-option.org](http://www.nuclear-option.org)).

Several invited lectures are planned to be delivered during the Conference.

A round table will be organised to offer the opportunity for less formal discussions and exchange of ideas on conference topics.

All topics will be considered from the point of view of the needs and interests of countries with small or medium electricity grids using or introducing nuclear power.

The official language of the conference is English.

### PROGRAMME COMMITTEE

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Z. Šimić, Croatia

P. Širola, Slovenia

T. Tadić, Croatia

Ž. Tomšić, Croatia

A. Trkov, Slovenia

B. Tyobeka, Austria

E. Uspuras, Lithuania

J.-P. Van-Dorsseleere, France

K. Velkov, Germany

I. Vrbanić, Croatia

M. Zeljko, Croatia

T. Žagar, Slovenia

### ORGANISING COMMITTEE

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L. Alujević, Croatia

A. Holjak, Croatia

I. Jakić, Croatia

S. Šadek, Croatia

N. Škorić, Slovenia

K. Trontl, Croatia

### CONFERENCE SECRETARY

**A. Holjak**, Croatia

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## TIME AND PLACE OF THE CONFERENCE

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1–4 June 2014, Hotel Kolovare, Zadar, Croatia

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## CALL FOR PAPERS

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Authors are invited to submit an abstract of the paper before **15 December, 2013**. Authors may indicate their preference for oral or poster presentation.

The abstract should be submitted by filling a web form through a web-based conference management tool at [www.nuclear-option.org](http://www.nuclear-option.org). Authors shall first open an account under the section 'Account', then log in the section 'Log in', and finally submit an abstract in the section 'User Home'.

The abstract will be published in the Book of Abstracts and should include the title of the paper, full names of the authors, their institution, addresses and e-mails, up to one page (from 300 to 500 words).

The Programme Committee will inform authors on the acceptance of their contribution and the form of presentation before **15 January 2014**. Full-length papers should be submitted before **15 March 2014**.

All papers, presented orally or as posters, accepted upon peer review will be included into the proceedings. The Book of Abstracts along with the Proceedings USB, will be ready for distribution at the Conference.

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## CONFERENCE FEE

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Authors or members of the ENS	400 EUR
ENS YGN members	250 EUR
Others	450 EUR

This is a conference fee for payments received after **3 May 2014**. Early registration fee is charged 50 EUR less for payments received before **3 May 2014**.

The conference fee includes a copy of the Book of Abstracts, Proceedings USB-stick, welcome reception and conference dinner.

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## VENUE

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The conference will take place in Hotel Kolovare in Zadar. More information about the hotel and accommodation will be provided in January 2014. For initial information feel free to visit the hotel website: [www.hotel-kolovare.com/en/](http://www.hotel-kolovare.com/en/).

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## ZADAR

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Zadar is a city of exceptional history and rich cultural heritage, a city of tourism. The city is irresistible for those who respect and admire historical monuments and cultural heritage, artists, tourists and its citizens. Zadar is a city monument, surrounded by historical ramparts, a treasury of the archaeological and monumental riches of ancient and medieval times, Renaissance and many contemporary architectural achievements such as the first sea organs in the world.



It is a three thousand years old city with tumultuous and dynamic history, often destructed, looted, devastated, every time emerging from the ruins stronger, richer and more beautiful. Zadar appeared for the first time in history in the 4th century B.C. as a settlement of the Illyrian tribe of Liburnians – the name Jader was mentioned, and through history it changed into Idassa (Greek source), Jadera (Roman source), Diadora, Zara (during Venetian and later Italian rule) up to today's name of Zadar.

Today Zadar is a preserved monument of various historical times and cultures that have placed their boundaries and visible outlines of their urban appearance. During its existence it was for many centuries the home of the Illyrian Liburni and for 1000 years the capital city of Dalmatia.

Zadar is the urban centre of northern Dalmatia as an administrative, economic, cultural and political centre of the region with almost hundred thousands inhabitants.

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## SOCIAL PROGRAMME

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As a part of our tradition, both welcoming reception and conference dinner will take place in a beautiful surrounding providing opportuni-

ty for informal discussions, combining Zadar traditions with the taste of the Adriatic.

Since we expect that the beauty of the conference venue will inspire many of our participants to bring their spouses or other likely partners along, we have organised an accompanying guests' programme. Some optional events will be available during the conference depending on the interest of participants.

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## YOUNG AUTHORS CONTEST

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A special Award Committee will review papers and presentations prepared by a first author aged below 36 years. The Committee will give the award for the best young authors contribution, so all candidates are kindly requested to indicate their intent to participate in this contest.



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## INFORMATION AND CONTACT

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