

Important dates:

31 January 2018 Abstract submission
28 February 2018 Abstract acceptance
30 April 2018 Paper submission

info@nuclear-option.org
www.nuclear-option.org

**12th INTERNATIONAL CONFERENCE
OF THE CROATIAN NUCLEAR SOCIETY**
Nuclear Option for CO₂ Free Energy Generation

**(Former "Nuclear Option in Countries with
Small and Medium Electricity Grids")**

**ZADAR, CROATIA
JUNE 3–6, 2018**





Croatian Nuclear Society



in co-operation with IAEA and DZRNS

sponsored

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OF THE

CROATIAN NUCLEAR SOCIETY

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**FIRST ANNOUNCEMENT
AND CALL FOR PAPERS**

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CONFERENCE SCOPE

This is 12th in a series of successful international conferences organized by the Croatian Nuclear Society. The purpose of the conference series is to present and discuss the most relevant topics concerning the role and position of nuclear option in the current energy balance, with special attention paid to the countries with small and medium electricity grids. In the societal context which is considerably marked by dynamic economic growth and concerns which include energy resources, potential climate changes and increasing greenhouse gas emission the issue of ensuring reliable and sustainable energy is becoming ever more challenging.

Nuclear energy as the CO₂ free energy source should have its place in resolving these concerns and enabling all the countries to cope with challenges under such context. In view of good response and success of the previous conferences in the series, the 12th International Conference in Zadar will serve the same general purpose, concentrating on the topics which attracted the most interest in previous conferences.

The Conference will consider the nuclear option from the point of view of the national energy strategies, resources, costs, technological, organizational and educational requirements, as well as environmental advantages. It will also focus on matters related to operation and design safety, fuel cycle, waste management, and decommissioning.

The important goal of the Conference, as in the previous cases, will be to promote regional co-operation and exchange of experience in use of nuclear power and fuel cycle facilities among the countries with an interest in the nuclear option.

TOPICS

It is foreseen that the Conference will specifically address the following topics:

- ◆ Nuclear Energy and the Environment
- ◆ Energy Planning and Nuclear Option
- ◆ Economics and Financing
- ◆ Power Reactors and Technologies
- ◆ Operation and Maintenance Experience
- ◆ Safety Culture and Knowledge Management
- ◆ Nuclear Safety Analyses
- ◆ Probabilistic Safety Assessment and Severe Accident Analysis
- ◆ Nuclear Fuel Cycle and Reactor Physics

- ◆ Radioactive Waste Management and Decommissioning
- ◆ Public Relations
- ◆ Regulatory Practice
- ◆ Emergency Preparedness

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

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

The official language of the Conference will be English.

PROGRAMME COMMITTEE

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CONFERENCE SECRETARY

A. Holjak, Croatia

TIME AND PLACE OF THE CONFERENCE

June 3–6, 2018, Hotel Kolovare, Zadar, Croatia

CALL FOR PAPERS

Authors are invited to submit an abstract of the paper before **31 January 2018**. 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. 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 **28 February 2018**. Full-length papers should be submitted before **30 April 2018**.

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.

CONFERENCE FEE

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 **30 April 2018**. Early registration fee is charged 50 EUR less for payments received before **30 April 2018**. The payment details can be found at the Conference web-page: www.nuclear-option.org.

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

VENUE

The Conference will take place in Hotel Kolovare in Zadar. More information about the hotel and accommodation will be provided at the Conference web-page in January 2018. For initial information feel free to visit the hotel website: www.hotel-kolovare.com/en/.

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ZADAR

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.

SOCIAL PROGRAMME

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

tunity 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.

YOUNG AUTHORS CONTEST

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.



INFORMATION AND CONTACT

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