

MAY 19-24, 2024 - LUCCA, ITALY

# BEPU2024



## BEST ESTIMATE PLUS UNCERTAINTY INTERNATIONAL CONFERENCE

Multi-Physics Multi-Scale Simulations with Accuracy and Uncertainty

*Towards a broader and consistent application in safety assessment and licensing*

More than  
300 attendants from  
all over the world and from  
the major Industries in  
the Nuclear Field

It is a fantastic  
occasion for promoting  
your organization's expertise  
as a sponsor at the BEPU-2024

About 300  
papers are  
expected

Flexible Opportunities and  
Customized Sponsorship Modalities

More than 60  
Technical Sessions  
More than 10 Special  
Topics Sessions

SPONSORSHIP



Exhibition stands in the conference  
networking area allow your company to  
demonstrate your products and competence

[www.nineeng.com/bepu2024](http://www.nineeng.com/bepu2024)

# BEPU-2024 CONFERENCE

In May 2018 the Conference Best estimate Modelling Plus Uncertainties in Safety Analyses (BEPU 2018) was held in Lucca Italy. More than 200 papers were presented addressing newest achievements in development and application of BEPU methods. The conference demonstrated that since the last similar conference in 2004 significant development occurred in BEPU area; however, the work was mainly concentrated on uncertainty evaluation methodologies rather than on the whole BEPU process. The BEPU2018 conference demonstrated that:

- BEPU applications in licensing are limited and their increase is foreseen to be slow;
- there is a need for comprehensive guidelines for use of BEPU technologies, and the availability of mature tools was questioned;
- consistency in all steps of BEPU needs to be ensured, however it was identified that there is a need to reduce the shortcuts in BEPU applications and to focus on exploitation of the full BEPU process;
- experimental data is central to the BEPU processes and methodologies, thus the use the available of experimental data in an efficient and consistent way is required;
- BEPU is at first a methodology that increases the knowledge and understanding of uncertainties and biases embedded in any deterministic safety analysis.
- Another factor stressing the importance of realistic simulations and the capability to estimate their uncertainty is the recent rapid development of new nuclear system designs particularly the SMRs and MRs. The potential wide application of these systems will

require the best possible analytical methods to demonstrate their safety and elimination of any potential early or large radioactive releases;

- BEPU technology appears to be "distant" from the development/deployment of some of new reactors including Gen IV.

Considering these outcomes of the BEPU 2018 conference, and recent nuclear energy systems development, there is a need to revisit the identified problems in relatively short time frame and to address the capabilities and robustness of realistic simulations with evaluation of uncertainties.

We like to invite you to participate in the BEPU 2024 which will be held in the beautiful Tuscany and to submit papers addressing the issues identified above. Especially, we would like to encourage regulatory bodies and the industry to contribute papers addressing the problems of BEPU applications and present thoughts on how to enhance the BEPU process to be an inherent part of licensing and plant evaluation activities.

## ANS BEST ESTIMATE HISTORY

2000	BEST ESTIMATE	Washington DC	USA
2004	BEST ESTIMATE	Washington DC	USA
2018	BEPU-2018	Lucca	ITALY

# SPONSORSHIP AND EXHIBITIONS

BEPU-2024 is an excellent opportunity for promoting your organization's expertise as a sponsor at the BEPU-2024. The high profile event of the conference offers to raise your company's profile within the nuclear thermal-hydraulic community and to create greater awareness of your brand promoting your new and existing product and service amongst a select group of other sponsors and exhibitors.

A wide range of opportunities are available:

- Promoting your company's expertise through marketing material;
- Hosting events (breakfast, lunches, dinners);
- Renting an exhibition stand in the conference networking area;
- Flexible opportunities and custom sponsorship.

## Marketing Material

Promoting your company's expertise on the conference marketing material including the website, banners, set panels, conference documentation and delegate gifts – a comprehensive brand awareness raising opportunity which targets people beyond attending the conference itself. Three levels are available.

# SPONSORSHIP

## Gold Sponsor - € 5,000

- Company's logo listed in all conference communications
  - Website link to corporate home page
  - One page insert in the delegate bag
  - One slide in intermission slide show
  - One quarter page color advertisement in the Final Program
- It includes one complimentary "attendance-package" conference registration and a certificate of BEPU-2024 gold sponsorship.*

## Platinum Sponsor - € 10,000

Gold Sponsor material with:

- Three slides in intermission slide show
- One half page color advertisement in the final Program
- One table top display in high traffic area

*It includes two complimentary "attendance-package" conference registrations and a certificate of BEPU-2024 gold sponsorship.*

## Diamond Sponsor - € 15,000

Platinum Sponsor material with:

- Six slides in intermission slide show
- One full page color advertisement in the final Program
- Your company name on room signs which designate location of technical sessions and during poster session
- Your company banner prominently displayed

*It includes three complimentary "attendance-package" conference registrations and a certificate of BEPU-2024 gold sponsorship.*



# HOSTING EVENTS

Hosting a food event for all conference attendees is a fantastic networking opportunity that provides perfect exposure for your company. The Exclusive Full Sponsorship of the entire food event allows your company to enjoy exclusive recognition during the event, including your company's name and logo on the conference website, on signage throughout the conference and in the printed program. Your company will also have the opportunity to make an opening remark and hang its banner during the reception as well as presenting an A/V presentation.

Contact us to discuss pricing for the following opportunities:

**Welcome Reception** All registrants are invited to this social highlight *Your company will receive three complimentary "attendance-package" conference registrations.*

**Authors' Italian Breakfasts** Each morning, authors who present a paper that day are invited to a continental breakfast. The sponsorship can be associated to each breakfast or to all five breakfast events.

**Lunches** Each day, lunches (60-minute) will be offered. The sponsorship can be associated to each lunch or to all five lunch events.

*Your company will receive two complimentary "attendance-package" conference registrations per each sponsored lunch.*

**Refreshment Breaks** Two times each day (in the morning and afternoon), conference attendees take a 30-minute break for refreshments. The sponsorship can be associated to each refreshment break or to all break events.

*Your company will receive one complimentary "attendance-package" conference registrations for the two sponsored refreshment breaks in the day.*

**Dinners** Four dinners with typical Italian foods will be organized during the conference in exclusive Tuscany places:

- Dinner with Historical Representation (Monday 20 May 2024)
- The Social Dinner (Tuesday 21 May 2024)
- Dinner in Historical Villa (Wednesday 22 May 2024)
- The Conference Dinner banquet (Thursday 23 May 2024)

# EXHIBITION STANDS

An exhibition stand in the conference networking area allows your company to demonstrate your products, network with attendees, hold informal meetings or just give more exposure to your brand via an exhibition stand in the only networking area in the conference, where all coffee breaks are held, as well as in many cases lunches.

Several options are available:

**Space Only: 9 sq.m - € 5,000** It includes space, aisle cleaning, pavillon security and publication of company's information in the Exhibition Official Catalogue (100 words). *Your company will receive two complimentary "attendance-package" conference registrations.*

**Space Only: 18 sq.m - € 9,000** It includes space, aisle cleaning, pavillon security and publication of company's information in the Exhibition Official Catalogue (200 words). *Your company will receive two complimentary "attendance-package" conference registrations.*

**Equipped Space: 9 sq.m - € 7,000** It includes rear and side walls, carpet, fascia panel with company name, publication of company's information in the Exhibition Official Catalogue (100 words), 1 table, 2 chairs, waste basket, electricity connection, 1 plug socket (220v) and 3 spot lights, aisle cleaning and pavilion security (power supply is requested separately). *Your company will receive one complimentary "attendance-package" conference registration and one voucher for the Social dinner on 21 May 2024.*

**Equipped Space: 18 sq.m - € 12,000** It includes rear and side walls, carpet, fascia panel with company name, publication of company's information in the Exhibition Official Catalogue (200 words), 2 tables, 4 chairs, waste basket, electricity connection, 2 plug sockets (220v) and 6 spot lights, aisle cleaning and pavilion security (power supply is requested separately). *Your company will receive two complimentary "attendance-package" conference registrations and two vouchers for the Social dinner on 21 May 2024.*

# FLEXIBLE OPPORTUNITIES

Flexible opportunities can be discussed to suit your preference such as inserting information into the delegate pack, table top displays, etc.

Contact us to discuss opportunities and pricing for onsite advertisement.

## Cyber Café - € 2,000

Internet access at conferences is always in high demand. Screensaver default on the computer monitors will feature your unique message.

## Printed Program

All registrants receive a printed program of the events and technical sessions for the entire week. Your company can get full exposure to every registrant through a full-page advertisement.

- Full-page color advertisement (€ 1,000 each)
- Half-page color advertisement (€ 650 each)
- Full-page B & W advertisement (€ 750 each)
- Half-page B & W advertisement (€ 500 each)

## Custom Sponsorship

For complete information on all sponsorship opportunities, contact

Dr. Alessandro Petruzzi:

NINE, 759 Via della Chiesa XXXII, 55100, Lucca, ITALY,

Phone: (+39) 340 4653058,

Email: a.petruzzi@nineeng.com

## ORGANIZATION NAME

## ORGANIZATION ADDRESS

## VAT (if applicable)

## EMAIL

Please send this form by email to [bepu2024@nineeng.com](mailto:bepu2024@nineeng.com)

## SPONSORSHIP



### Gold Sponsor - € 5,000

- Company's logo listed in all conference communications
- Website link to corporate home page
- One page insert in the delegate bag
- One slide in intermission slide show
- One quarter page color advertisement in the Final Program

It includes one complimentary conference registration and a certificate of BEPU-2024 gold sponsorship.

### Platinum Sponsor - € 10,000

Gold Sponsor material with:

- Three slides in intermission slide show
- One half page color advertisement in the final Program
- One table top display in high traffic area

It includes two complimentary conference registrations and a certificate of BEPU-2024 platinum sponsorship.

### Diamond Sponsor - € 15,000

Platinum Sponsor material with:

- Six slides in intermission slide show
- One full page color advertisement in the final Program
- Your company name on room signs which designate location of technical sessions and during poster session
- Your company banner prominently displayed

It includes four complimentary conference registrations and a certificate of BEPU-2024 diamond sponsorship.

## HOSTING EVENTS



### Welcome Reception - € 15,000

All registrants are invited to this social highlight that will be held on May 19, 2024.

Your company will receive free registrations to the conference for 4 people.

### Authors' Italian Breakfasts - € 2,000 (per breakfast)

Each morning, authors who present a paper that day are invited to a continental breakfast. The sponsorship can be associated to each breakfast or to all five breakfast events.

### Lunches - € 8,000 (per lunch)

Each day, lunches (60-minute) will be offered. The sponsorship can be associated to each lunch or to all five lunch events. Your company will receive free registrations to the conference for 3 people (per each sponsored lunch).

### Refreshment Breaks - € 5,000 (per two-breaks)

Two times each day (in the morning and afternoon), conference attendees take a 30-minute break for refreshments. The sponsorship is related to each refreshment break. Your company will receive one free conference registration (per each sponsored refreshment break).

### Dinners

Four complimentary dinners with typical Italian foods will be organized during the conference in exclusive Tuscany places:

- Dinner with Historical Representation (Monday 20 May, 2024)

€ 20,000

- The Social Dinner (Tuesday 21 May 2024)

€ 23,000

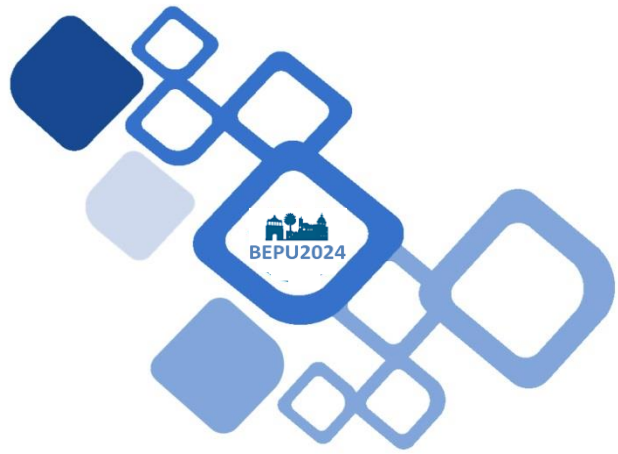
- Dinner in Historical Villa (Wednesday 22 May 2024)

€ 30,000

- The Conference Dinner banquet (Thursday 23 May 2024)

€ 18,000

Your company will receive free registrations to the conference for 4 people (per each sponsored dinner).



## EXHIBITION STANDS



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### Equipped Space: 18 sq.m - € 12,000

It includes rear and side walls, carpet, fascia panel with company name, publication of company's information in the Exhibition Official Catalogue (200 words), 2 tables, 4 chairs, waste basket, electricity connection, 2 plug sockets (220v) and 6 spot lights, aisle cleaning and pavilion security (power supply is requested separately). Your company will receive two complimentary "attendance-package" conference registrations and two vouchers for the Social dinner on 21 May 2024.

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Phone: (+39) 340 4653058,

Email: [a.petrucci@nineeng.com](mailto:a.petrucci@nineeng.com)

## Conference Organizer / Beneficiary:

Nuclear and INDUSTRIAL Engineering (N.I.N.E.) S.r.l.

VAT #: IT-02248300465

Address: 759 Via della Chiesa XXXII, Lucca, Italy

Contacts: [www.nineeng.com](http://www.nineeng.com) / [info@nineeng.com](mailto:info@nineeng.com)