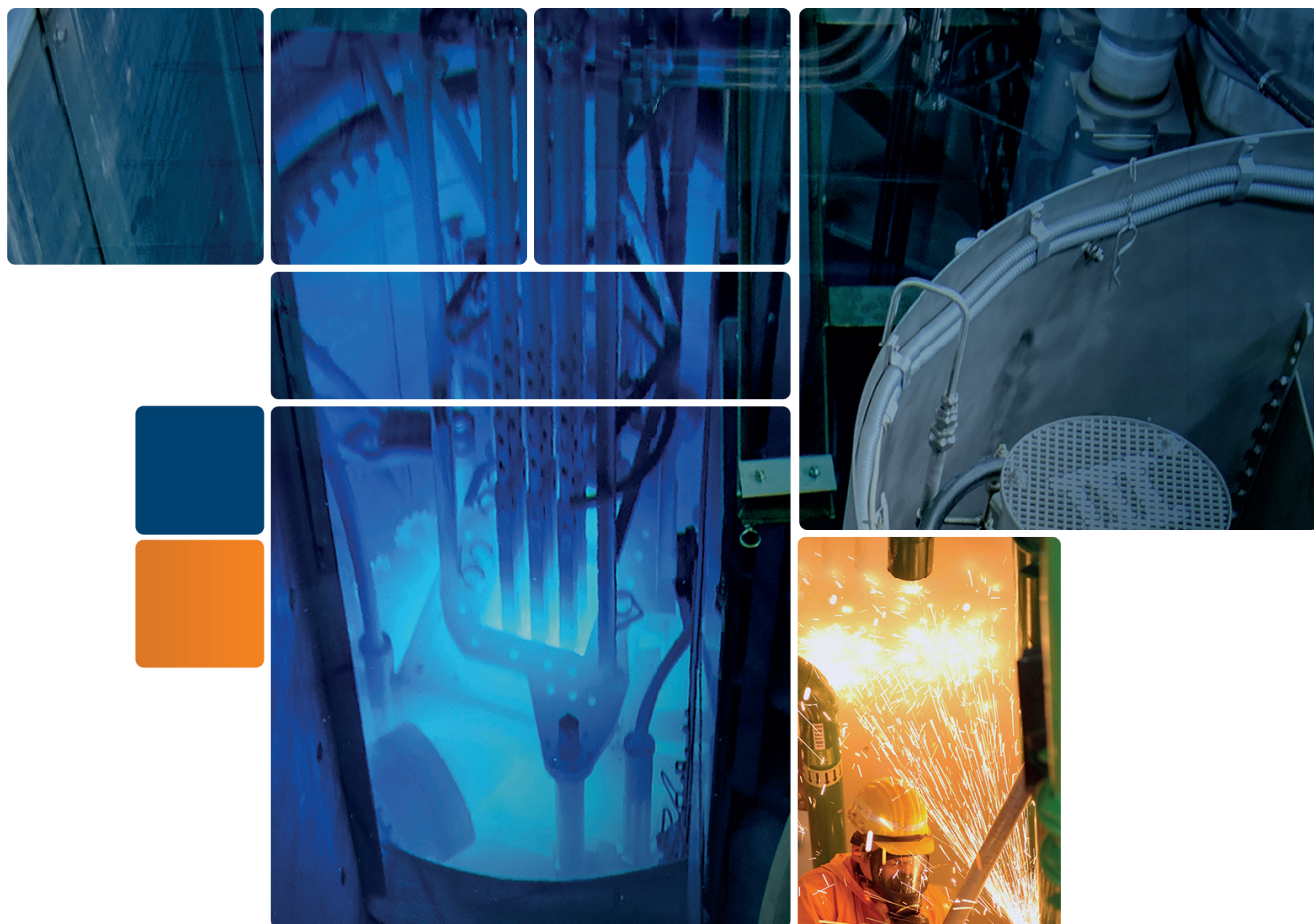




International Conference on
Nuclear Decommissioning

10TH
EDITION



PROGRAM 2021

ORGANIZER



IN COOPERATION WITH



OCTOBER 18TH - 21ST, 2021



MEET YOUR COMPANY

FOR STUDENTS & YOUNG PROFESSIONALS (WEDNESDAY, 13:30 - 16:30)

Apply as a student, PhD student or young professional for a sponsorship for your ICOND participation and get to know your potential future employer and colleagues.

As an employer, sponsor the participation of qualified young personnel in the nuclear field and gain expert staff.

During ICOND we organize interviews with the selected applicants and the participating companies.

Deepen your discussions at the subsequent Get Together in an informal atmosphere or get to know other applicants or employers.

BUSINESS SPEED NETWORKING

Present yourself and your company to different participants and make 20 new contacts within one hour and deepen them at the subsequent GET TOGETHER!

THE CONCEPT IN BRIEF:

- 5 people per bar table and round
- 2 minutes to present yourself and your company
- after 10 minutes, the next table will be opened within 2 minutes



EXHIBITOR ROAD SHOW



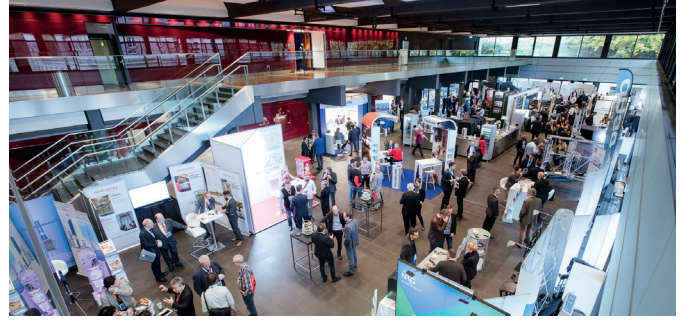
Our exhibitors explain their latest products or services in a two-minute presentation at their stand.

The participants, divided into small groups, visit about 10-12 exhibition stands per group and learn about the latest developments of the exhibiting companies.

SPONSORING & EXHIBITION

The technical presentations are complemented by an accompanying exhibition. In addition, present your company through event sponsoring or inserts in our „Book of Abstract“ and the ICOND online media.

We are happy to offer you customized solutions.



EXHIBITOR 2021



PRICES

EARLY BIRD UNTIL SEPTEMBER 01st, 2021

1.140,- € Full Program (October 18th - 21st, 2021)

1.035,- € without Pre-Conference Workshop (October 19th - 21st, 2021)

PRICE FROM SEPTEMBER 02nd, 2021

1.284,- € Full Program (October 18th - 21st, 2021)

1.140,- € without Pre-Conference Workshop (October 19th - 21st, 2021)

All prices excluding VAT.

VENUE

Eurogress Aachen
Monheimsallee 48
52062 Aachen - Germany
www.eurogress.de

HOTEL INFORMATION

We have compiled an overview of hotels close to the event for you: www.icond.de > Booking



WWW.ICOND.DE

MONDAY, OCTOBER 18TH, 2021

PRE-CONFERENCE WORKSHOP

(Presentations are held in English)

11:30 Registration

12:00 Quick Lunch

INNOVATIONS & DIGITALIZATION

13:00 Welcome

Dr. Andreas Havenith – AiNT GmbH

13:05 **LD-SAFE: Laser Cutting Technology for the Dismantling of the Most Critical Components of Nuclear Reactors**

Damien Roulet – ONET Technologies

13:30 **Purification and Treatment of Waters from Wet Cutting Pools and Sludges Processing into SIAL® Matrix**

Marcela Blazsekova – Jacobs Slovakia

13:55 **Robotic Systems Supporting Decommissioning Operations**

Dr. Arne Rönna – FZI Forschungszentrum Informatik

14:20 **Tele-Operation of Multi-Robotic Systems with Augmented Virtuality for Semi-Automated Handling and Cutting of Radioactive Waste**

Sebastian Reitelshöfer – Lehrstuhl für Fertigungsautomatisierung und Produktionssystematik der Friedrich-Alexander-Universität Erlangen-Nürnberg

14:45 **COFFEE BREAK**

15:20 **Site Characterization with ViridiScope, a Laser Tool for Remote Sampling**

Andy Lee – Viridian Consultants

15:45 **cleanNUCLEAR - Latest Developments of cleanLASER Ablation in Nuclear Industries**

Sergej Retich – Clean-Lasersysteme GmbH

16:10 **Non-Destructive Material Characterization of Radioactive Waste Packages with QUANTOM®**

Dr. Laurent Coquard – Framatome GmbH

16:35 **A Novel Approach to the Localization and the Estimate of Radioactivity with Large Clearance Monitors**

Dr. Bastian Weinhorst – Safetec Entsorgungs- und Sicherheitstechnik GmbH

17:00 **AuDeKa – Major Achievements towards a Fully Automated Decontamination Solution for Dismantled Parts from Decommissioning**

Franz Borrmann – iUS Institut für Umwelttechnologien und Strahlenschutz GmbH

TUESDAY, OCTOBER 19TH, 2021

10:00 Registration

11:30 Quick Lunch

STRATEGIES & MARKET DEVELOPMENT STRATEGIEN & MARKTENTWICKLUNG

12:45 Welcome

Dr. Andreas Havenith – AiNT GmbH

12:50 **Lessons Learned – Experiences of Great Britain in Decommissioning and Waste Management**

Lessons learned - Die Erfahrungen Großbritanniens bei Stilllegung und Abfallmanagement

David Peattie – Nuclear Decommissioning Authority

13:15 **NND's Journey towards a Digital Decommissioning and Waste Management Process**

NNDs Weg zur Digitalisierung im Stilllegungs- und Abfallmanagementprozess

Ole Jakob Ottestad –
NND Norsk Nuclear Decommissioning

13:40 **Navigating Nuclear Decommissioning: Charting a Course within a Growing Market**
Erfolgreiches Navigieren im wachsenden Markt für den Rückbau der Kernkraftwerke

Dr. Jochen Latz – McKinsey & Company, Inc.

14:05 **Innovative Tools for Dismantling of Graphite Moderated Nuclear Reactors**

Neue Technologien für den Rückbau graphit-moderierter Kernreaktoren

Jean-Luc Floutard – Cyclife DS

14:30 **The Belgian Decommissioning Market and ENGIE's Conditioning Center – Opportunities for International Cooperation**

Der belgische Rückbaumarkt und das Konditionierungszentrum von ENGIE – Chancen für internationale Zusammenarbeit

Peter Berben – ENGIE Corporate

14:55 **EXHIBITOR ROAD SHOW**

14:55 **COFFEE BREAK**

15:40 **The Squaring of the Circle - Packaging Germany's Nuclear Heritage, Update**
Die Quadratur des Kreises - Deutschlands nukleares Erbe wird verpackt, Update

Jörg Viermann – GNS Gesellschaft für Nuklear-Service mbH

16:05 Disposal of Non-Radioactive Waste in Landfill Sites

Entsorgung von nicht-radioaktiven Abfällen auf Deponien

Dr. Gabriele Greifeneder – PreussenElektra GmbH

16:30 Difficulties with Landfilling of Released Waste from Nuclear Decommissioning

Schwierigkeiten bei der Deponierung freigemessener Abfälle aus dem KKW-Rückbau

Prof. Hartmut Gassner – Anwaltsbüro Gassner, Groth, Siederer & Coll.

16:55 Decommissioning Processes in Germany and Abroad from the Economic Scientist's Point of View

Stilllegungs- und Abbauprozesse in Deutschland und International aus der Perspektive eines Wirtschaftswissenschaftlers

Dr. Ben Wealer – Technische Universität Berlin

17:45 DEPARTURE OF SHUTTLE BUSES TO THE TIVOLI STADIUM

Abfahrt der Shuttle-Busse zum Tivoli

18:15 CONFERENCE DINNER AT TIVOLI STADIUM

Conference Dinner am Tivoli

TUESDAY - THURSDAY
DIENSTAG - DONNERSTAG



WEDNESDAY,
OCTOBER 20TH, 2021

DECOMMISSIONING TECHNOLOGIES
RÜCKBAUTECHNOLOGIEN

09:00 Decommissioning of the Ågesta PHWR Reactor Vessel and Internals

Rückbau des Reaktordruckbehälters inklusive Einbauten des Ågesta Druckschwerwasserreaktors

Niklas Bergh – Westinghouse Electric Sweden AB

09:25 Development of a Contact-Arc-Metal-Grinding (CAMG)-Technology for Automated Underwater Cutting

Entwicklung eines Kontakt-Lichtbogen-Metall-Trennschleif-Verfahrens für automatisierte Unterwasserschneidaufgaben

Dr. Thomas Hassel – Leibniz-Universität Hannover

09:50 Control Tools for Strategic Decommissioning Planning

Instrumente zur Steuerung der strategischen Rückbauplanung

Marc Bogenstahl – Rodias GmbH

10:15 EXHIBITOR ROAD SHOW

10:15 COFFEE BREAK

11:00 Aerosol Source Term Characterization during Dismantling Operation at Fukushima Daiichi

Bestimmung des Aerosol-Quellterms beim Rückbau am Standort Fukushima Daiichi

Dr. Emmanuel Porcheron – IRSN Institute de Radioprotection et de Sûreté Nucléaire



WWW.ICOND.DE

11:25 Dismantling and Disassembly of Control Rod Drive Room Components and Systems
Demontage und Zerlegung von Komponenten und Systemen des Steuerstabantriebsraumes
Dr. Heiko Herbell – Framatome GmbH

11:50 Decommissioning of the NPP Mülheim-Kärlich: Dismantling of the Steam Generators
Rückbau der Anlage Mülheim-Kärlich: Abbau der Dampferzeuger
Philipp Moormann & Dr. Thomas Volmar – RWE Nuclear GmbH

12:15 LUNCH

13:30 - 16:30 MEET YOUR COMPANY

CHARACTERIZATION AND WASTE MANAGEMENT **CHARAKTERISIERUNG UND ABFALLMANAGEMENT**

13:30 Characterization of Radioactive Waste Streams during the Decommissioning of Nuclear Power Plants
Charakterisierung radioaktiver Abfallströme beim Rückbau von Kernkraftwerken
Dr. Marina Sokcic-Kostic – NUKEM Technologies Engineering Services GmbH

13:55 Decommissioning of Concrete Structures – How to Check it Non-Destructively
Die zerstörungsfreie Prüfung von Betonstrukturen für den nuklearen Rückbau
Dr. Ernst Niederleithinger – Bundesanstalt für Materialforschung und -prüfung (BAM)

14:20 Smart Radiation Mapping
Smarte radiologische Charakterisierung
Neil Owen – Createc

14:45 COFFEE BREAK

15:15 Challenges in the Post-Qualification of Legacy Wastes
Herausforderungen bei der Nachqualifizierung von Altabfällen
Souad Pederzani – GNS Gesellschaft für Nuklear-Service mbH

15:40 Material Analysis based on Material Vectors
Stoffliche Charakterisierung mittels Stoffvektoren
Moritz Gradmann – TÜV Rheinland Industrie Service GmbH

16:05 Lessons Learned from Decades of Waste Characterization, Management and Deposition in Finland
Lehren aus der jahrzehntelangen Praxis in der Charakterisierung, dem Management und der Entsorgung von radioaktiven Abfällen in Finnland
Dr. Petri Kotiluoto – VTT Technical Research Centre of Finland, Antti Ketolainen – Fortum Power and Heat Oy

16:30 - 19:00 GET TOGETHER

16:40 - 17:45 BUSINESS SPEED NETWORKING

THURSDAY, OCTOBER 21ST, 2021

COMPETENCE & TRAINING **KOMPETENZENTWICKLUNG & WEITERBILDUNG**

09:00 Onsite or Online: How to Make your Presentation Go Nuclear!
In Präsenz oder online:
Wie Sie Ihre Präsentation zum Strahlen bringen!
Danielle Dobbe – LRCB – Dutch expert centre for screening

09:25 Introduction in ENEN+: Attract, Develop and Retain new Talents to Careers in the Nuclear Fields
Vorstellung des ENEN+ Projekts: Neue Talente für die kerntechnische Industrie gewinnen, entwickeln und behalten
Emilia Janisz – European Nuclear Society

09:50 COFFEE BREAK

CLEARANCE **FREIGABE**

10:20 Opportunities and Possibilities for Clearance in Nuclear Decommissioning
Chancen und Möglichkeiten für Freigabe beim Rückbau kerntechnischer Anlagen
Dr. Anton Anthofer – VPC Nukleare Dienstleistungen GmbH

10:45 Evidence of Individual Cases for the Clearance of Buildings and Locations
Einzelfallnachweise nach § 37 StrlSchV für die Freigabe von Gebäuden und Standorten
Dr. Stefan Thierfeldt – Brenk Systemplanung GmbH

11:10 State of the Art Free Release Monitor Systems
Gamma Freimessanlagen der dritten Generation
Dr. Ingo Kölln – Ludlum GmbH

11:35 New Perspectives in Clearance of Metal Waste
Neue Perspektiven in der Freigabe von Metallen
Dr. Tim Thomas – Safetec Entsorgungs- und Sicherheitstechnik GmbH

12:00 FINAL STATEMENT AND OUTLOOK

12:15 QUICK LUNCH

The program is subject to change. No guarantee.

OCTOBER 18TH - 21ST, 2021