

# Welcome Addresses for the 50<sup>th</sup> Annual Meeting on Nuclear Technology (AMNT 2019)

## 7 and 8 May 2019

### KTG (German Nuclear Society) The Chairman



Our Annual Meeting on Nuclear Technology – the original for 50 years. At the beginning of May, the industry meets again in Berlin for the 50<sup>th</sup> time. We can be very proud of that together.

We are convinced that the forthcoming meeting will be particularly good. Especially because for this year's AMNT a number of extraordinary highlights have been prepared for our participants. Let yourself be surprised!

KTG has again prepared an excellent and highly topical program. Especially in times of great challenges, the contribution of our KTG members, who are personally involved with great commitment to nuclear technology “made in Germany” in general and for our annual conference in particular, cannot be appreciated highly enough.

Currently, 7 nuclear power plants are connected to the grid in Germany and feed an average of approx. 14 % of the basic electricity supply required in Germany into the transmission grids with unprecedented reliability. 27 plants are in the post-operational or decommissioning phase. The high number of deconstruction projects in progress at the same time shows that specialized companies have enough work to do.

In 2017, the Commission to Review the Financing for the Phase-out of Nuclear Energy recommended an amendment to the legislation with new – and above all financial – delimitation of responsibility for the storage and ownership of all nuclear waste and spent fuel elements between the operators and the Federal Government. One result is the establishment of two new federal companies for waste disposal tasks.

Operators, manufacturers, authorities and experts, education and research continue to be linked by a central topic: nuclear know-how must be preserved in Germany in order, among other things, to secure the remaining operation, post-operation, decommissioning and dismantling of German nuclear power plants and to sustainably solve the final disposal issue, to secure the export business of German suppliers and service providers, to be able to carry out national and international safety assessments and also in future to be able to maintain the contribution of German innovations and standards to international developments for new technologies.

In the various formats of our annual conference under the headings “Outstanding Know-how & Sustainable Innovations”, “Enhanced Safety & Operation” and “Decommissioning Experience & Waste Management Solutions”, we will reflect on current topics in nuclear technology and focus on the technical dialogue between national and international experts. This year's AMNT will also continue successful formats for young people such as the Nuclear Technology Campus or the Young Scientists' Workshop.

For our conference I wish all participants new insights, interesting encounters, contacts and conversations. What unites the members of KTG is “fascination of nuclear technology”. Let it enchant you, too...

Frank Apel

### DAtF (German Atomic Forum) The President



The political conditions for nuclear energy couldn't be more different between 1969, the year of the first “Reactor Conference” in Frankfurt am Main, and 2019, the year of the 50<sup>th</sup> Annual Meeting on Nuclear Technology.

The spirit of optimism and political support across all political parties at that time is in huge contrast to the current withdrawal from the use of nuclear energy for electricity generation in Germany.

However, the fact that the DAtF and the KTG are organising one of the most recognised and renowned nuclear conferences in the world on 7 and 8 May 2019 in Berlin, even in the eighth year of the accelerated nuclear phase-out, clearly shows that the nuclear industry will continue to be needed in the future despite the political change in recent years. Many other modern societies do not want to do without nuclear power and the global outlook for nuclear technology is positive. We will be demonstrating this again next year at the 51<sup>st</sup> AMNT in Berlin on 5 and 6 May 2020.

Our top-level list of speakers of the plenary day with Thomas Bareiß MdB (BMWi), Prof. Dr. Martin Neumann MdB (FDP), Prof. Dr. Renate Köcher (Allensbach), Steffen Kanitz (BGE) and Matthias Horx (Zukunftsinstitut) testifies to the thematic breadth of our annual conference and its importance as a network meeting of our industry. Despite political change, the nuclear industry and research remain important pillars of Germany's economic success.

You can also look forward to exciting presentations and discussions regarding the specialist lectures. We will discuss with you the technical innovations and challenges in the areas of new build, research and development. We will exchange ideas about innovations and opportunities for optimisation in the dismantling of nuclear power plants and the disposal of radioactive waste. And we would like to examine the question of what role SMRs can play in the use of nuclear power in the future. As we did 50 years ago, together we will contribute significantly to making nuclear power and technology even safer and more efficient.

This year's anniversary meeting offers you an exposition with photos and exhibits amidst the traditional exhibition of companies and organisations. The industrial exhibition with its numerous national and international participants as well as the national pavilions from the United Kingdom and the Czech Republic offers not only the opportunity to make new contacts and maintain existing ones, but also allows you to experience the history and present of nuclear energy in Germany up close.

It is your expertise and active participation that have ensured the success of our annual conference for 50 years. I would like to thank all speakers and participants as well as all exhibitors and sponsors with all my heart.

Dr Ralf Güldner