

# 51. KRAFTWERKSTECHNISCHES KOLLOQUIUM

22nd & 23rd October 2019 | Internationales Congress Center Dresden

CALL for  
PAPERS  
2019

**Dear Sir or Madam,**

This year we want to celebrate a special anniversary. The Kraftwerkstechnisches Kolloquium - will take place on the **22nd and 23rd October 2019** for the 51st time. With the Call for Papers we would like to invite you to inform yourself about the company fair, the insertion in our conference transcript and the general procedure. We would be very happy if you submit a proposal by **22nd March 2019**. Proposals can be submitted in German and English.

*Sincerely, Michael Beckmann and Antonio Hurtado*

## Key facts about the Conference

- > Annual conference of the energy industry and power plant industry
- > Participants 2018: 950 (including: 60 % industry, 25 % science, 15 % public authorities)
- > Company fair 2018: 92 exhibitors
- > Languages: German and English - simultaneous translation during the plenary session

## Topics 2019

### New power plants, Pilot projects

- Fossil power plants
- Nuclear power plants
- Sewage sludge, waste, biomass
- wind, solar, water

### Combustion and Steam generators

- Pollutant reduction – primary and secondary
- Combustible/emission/slagging/corrosion
- CCS - technologies

### Nuclear energy systems

- Final storage
- Decommissioning
- Safety

### Power machinery

- Gas turbines, steam turbines, water turbines
- Operation flexibility
- Operational safety and reliability

### Process simulation, Measuring technology and Digitalization

- Optimised regulations
- Assistance systems
- Advanced Sensor Technology
- Cyber Security

### Integration of Renewable energy

- Storage systems (P2X, battery storage etc.)
- Flexibility of fossil power plants
- Decentralized power supply systems

### Grids

- Electricity grids, gas grids
- Extension, control
- System services

### Operation and Maintenance

- Control fittings, piping, container
- Materials
- Operating damages

## Lecture registration and Poster registration

The program provides lectures (time: 30 minutes) and the exhibition of posters. Please enter your suggestion in the blank (lecture/poster). The German or English written lectures will be published in the conference transcript **"Kraftwerkstechnik 2019/Power Plant Technology 2019"** and the posters will be exhibited during the whole conference. Please address your registration including a short version with a maximum of one text page until 22nd March 2019 to Mr. Sotero (see back side). The speakers of a lecture are exempted from the conference fee. Main authors of a poster pay a discounted conference fee of 360 Euro (plus value added tax).

## Company fair

Das 51. Kraftwerkstechnische Kolloquium takes place in the International Congress Center Dresden. Parallel to the conference the possibility of a company presentation is offered (2018: 92 companies). There are already 70 companies registered (status: 18th February 2019). If you have any questions about the company fair do not hesitate to contact us.

## Insertion in the Conference transcript

Take the opportunity to present your company effectively with an insertion in the conference transcript and in the associated e-book. Thereby you support the book design and the participation of students in the conference. If you have any questions about the insertion, we are also very happy to help.

# 51. KRAFTWERKSTECHNISCHES KOLLOQUIUM

22nd and 23rd Oktober 2019 | International Congress Center Dresden

CALL for  
PAPERS  
2019

Please send the answer sheet to Mr. Sotero until the **22nd March 2019**. On our website you will also find the form as a PDF blank.

## Conference office

Technische Universität Dresden  
Institut für Verfahrenstechnik und  
Umwelttechnik Professur für  
Energieverfahrenstechnik  
Kraftwerkstechnisches Kolloquium  
Mr. Sebastian Sotero, M.A.  
01062 Dresden

Phone: +49 (0)351 463 42604  
Fax: +49 (0)351 463 37753  
Mail: sebastian.sotero@tu-dresden.de  
Web: www.kraftwerkskolloquium.de

## Your input should:

- > have a high level of novelty value
- > have a high level of professional quality
- > exceed the description of a specific product

**Lecture\*)**

**Poster \*)**

Title: .....

	Principal author/Speaker	First co-author	second co-author
Academic title: **)	.....	.....	.....
First name:	.....	.....	.....
Last name:	.....	.....	.....
Company:	.....	.....	.....
Department:	.....	.....	.....
Street/Post Office:	.....	.....	.....
Zip code/place:	.....	.....	.....
Country:	.....	.....	.....
Phone:	.....	.....	.....
Fax:	.....	.....	.....
Mail:	.....	.....	.....

A short version of the lecture (about one page) is attached.

Date: .....

Signature: .....

We will confirm the chosen lectures until **5th April 2019**. The print-ready and in German or English written long version of the accepted lectures (10 pages) are expected until **21nd June 2019**.

\*) Please take note that we will take a final selection after all articles have been received.

\*\*) Please complete all address information for publication in the program and in the authors guidelines.



DRESDEN  
concept  
Exzellenz aus  
Wissenschaft  
und Kultur