

ITG WORKSHOP: Vacuum Electronics 2018

organized by ITG-Fachausschuss MN 6 „Vacuum Electronics and Displays“



ITG
Information Technology
Society within VDE

September 6 - 7, 2018 in Bad Honnef, Germany

Call for Papers

The 6th ITG International Vacuum Electronics Workshop 2018

September 6 - 7, 2018

Physikzentrum, Bad Honnef, Germany

(www.pbh.de)

Topics of the Conference

New developments and applications of vacuum electronic devices as well as materials, technologies and manufacturing techniques such as:

- Vacuum Electronic and Discharge Devices and their Applications
- Technologies and Production Processes in Vacuum Electronics

SCHEDULE

Deadline for Submission of Abstracts

May 14, 2018

Notification of Acceptance

June 18, 2018

Deadline for Registration and Payment

July 31, 2018

**Submission of Presentations in .pdf format
for the Electronic Proceedings**

September 6, 2018

The latest information on the conference and the final program can be found at the Web Site http://www.ihe.kit.edu/kooperationen_itg.php

Submitted papers should include but are not limited to the following areas of interest:

Vacuum Electronic and Discharge Devices and their Applications

- ♦ Microwave Tubes
- ♦ Grid Controlled Tubes
- ♦ Vacuum Microelectronic and Nanoelectronic Devices
- ♦ Picture Tubes and Image Intensifiers
- ♦ X-Ray Tubes
- ♦ Vacuum Interrupters and Spark Gaps
- ♦ Pseudospark Devices
- ♦ Vacuum Arc Ion Sources
- ♦ High Current Diodes
- ♦ Pulsed Power Switching
- ♦ Gas Lasers and Gas Discharge Tubes
- ♦ Electric Space Propulsion

Technologies and Production Processes in Vacuum Electronics

- ♦ Laser-, Electron-Beam-, Ion-Beam- and Plasma Processing Systems
- ♦ Surface Treatment, Evacuation and Getters
- ♦ Interconnection and Assembly Techniques
- ♦ Vacuum-Microelectronics and Vacuum-Nanoelectronics Technologies
- ♦ Electron Sources and Electron Emission

The paper should be suitable for **20 minutes of oral presentation**. Poster presentations are welcome. The conference language is English.

One-page abstracts should be submitted as .pdf-file electronically to the Conference Chairman **not later than May 14, 2018**. Please indicate if you prefer a poster presentation.

Conference Chairman:

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The Program Committee will decide on the selection of papers and posters and will notify the authors by **June 18, 2018**. In case of acceptance, the authors are requested to prepare their contributions in **.pdf format** for publication in the electronic proceedings. Files shall be handed over at the workshop in Bad Honnef by **September 6, 2018**.

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