



# 19<sup>th</sup> International IGTE Symposium

September 20 – 23, 2020  
Graz University of Technology, Graz, Austria

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## Dear Colleague,

We are writing to you on behalf of the organizing committee of the **19<sup>th</sup> International IGTE Symposium on Numerical Field Calculation in Electrical Engineering** which will be held in Graz, Austria, from September 20 to September 23, 2020. The aim of the IGTE Symposium is to present and discuss recent developments in computational electromagnetics (low frequency as well as high frequency) and its practical application. Special emphasis is put on papers dealing with problems covering multi-physical aspects. Authors are also invited to submit papers coupling electromagnetic field calculation with optimization and/or reconstruction methods. We would like to stress that the IGTE Symposium understands itself as a splendid chance to introduce master students and PhD students and their work into our scientific community. Therefore, a special poster session will be organized for master students and PhD students.

On Monday, September 21, 2020 during the afternoon session of the IGTE'20 Symposium there will be a **Minisymposium** on "Quasistatic Electromagnetic Field Problems Including Capacitive, Inductive and Resistive Effects: Applications and Models", chaired by Prof. Markus Clemens from University of Wuppertal, Germany and Dr. Michael Panteliat, National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine. Please find more information on the website. If you plan to be in that session, please choose the corresponding submission type in our conference management system.

The safety and well-being of our participants is of paramount importance to the organizers of IGTE'20. After careful consideration and in light of the global health emergency and pervasive travel restrictions, **this year's edition will be held in a hybrid way, namely on-site and online.**

**We are strongly encouraging you to submit a paper to IGTE'20.**

The working language will be **English**.

The **deadlines** for the submissions are:

- Digest **July 15, 2020**
- Full paper (upload possible from **July 30, 2020**): **October 19, 2020**

## Digest:

The **one-page digest** should contain the title of the paper, the authors and their affiliation, a short abstract, the main contents of the paper, preliminary results and references. The digest should be submitted via the conference management system ConfTool as a PDF file and the corresponding source file (.docx or .tex), formatted in DIN A4 (**templates** for preparing digests are available via the [conference website](#)). Notification on acceptance of your contribution as well as details for submission of the full papers will be given before the end of July, 2020.

### Full paper:

Authors of accepted papers are invited to submit a **six-page full paper**. Please use the same templates as for the one-page digest. Full papers are due on October 19, 2020 and shall be uploaded via the conference management system ConfTool. A selected number of papers will be published in **COMPEL**, the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Issue 5, Vol. 40, 2021, after a peer reviewing procedure, the remaining papers will be published in the Conference Proceedings.

### Online, On-site mixture:

Due to the pervasive travel restrictions as a consequence of the Covid-19 pandemic, it will be very difficult or even impossible for many of our colleagues to travel to Graz in September 2020. Therefore, this year's edition of the IGTE Symposium will be a mixed on-site / online one. The organizers are currently developing a hybrid concept which will allow all "participants" to present and discuss their work. Especially, poster sessions will be extended in such a way, that they will start with a short presentation using a single slide for each scheduled poster. Furthermore, additional online formats will be introduced to allow fruitful discussions, even for smaller groups of colleagues. The time difference will also be taken into account, as far as possible.

More details, especially regarding the hybrid and online concept, will be given in the mid of June on the symposium website.

### Fee:

For all participants attending IGTE'20 online, a reduced registration fee will apply.

Luckily, it seems that the situation is improving slowly. So the organizers are looking forward to welcome as many colleagues as possible on-site. Nevertheless, in case of a return of the pandemic, the organizers will try to keep the cancellation charge as low as possible.

Please visit the symposium website (<http://igtesymp.tugraz.at>) from time to time and check for updates. It is already possible to create an account within the conference management system on the website or <https://www.conftool.com/igte2020/> directly.

For further details, please refer to the [website](#) or feel free to contact the organizers directly ([igtesymp@TUGraz.at](mailto:igtesymp@TUGraz.at)).

We are looking forward to meeting you in Graz in autumn 2020.

**Alice Reinbacher-Köstinger, Thomas Bauernfeind, Christian Magele**  
Conference Chair