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| Name of the corresponding author: |  |
| Email address: |  |
| Institution: |  |
| Your preferred conference [topic](http://www.wodim2010.sk/topics.html): |  |
| Student / Regular Participant: |  |

**INFOS 2021 abstract template**

A. Author1, B. Author2, ...

*1Company, University or Laboratory Name, Address, City, Country*

*2Company, University or Laboratory Name, Address, City, Country
E-mail address of corresponding author:* *email@address.com*

**1. Introduction**

This is the template to be used for preparing your INFOS 2021 abstract. It provides authors with most of the formatting specifications needed for preparing electronic versions of their abstracts. Please notice that your abstract must be submitted via EasyChair. Make sure resolution and font label size are sufficient for all figures to be clearly displayed.

**2. Content**

The abstract should be in ‘IEEE’ style, i.e. up to 2 pages long (max), detailed, with diagrams, not in ‘physics’ style of 100-200 words and no diagrams.

The abstract should start with 2-3 sentences summarizing its main work and conclusions.

In the next part please provide a brief ‘Introduction’ section where the motivation for the work and background necessary to understand and appreciate the article is discussed. Use references to previous or other works to validate this.

It should then describe briefly the methods used, followed by major results, discussion and short conclusions. Please provide a concise summary of what was done or studied. A few sentence on future perspectives or remarks on next steps for research in the area may also be appropriate.

Try to motivate the abstract so that it can be understood by the widest audience. Don’t forget, they are not all specialists in your field, even in a conference that might seem quite focused in subject. Some participants might be theoreticians for an experimental paper, or vice versa. Some might not know the latest developments in each field.

Because of the concise nature of the abstract and small font sizes over 2 pages, you will find that a well prepared abstract, if accepted, does not require much expansion to create the final 4 pages conference paper. A template will be available on the website.

**3. Style**

This template sets the margins and column format. The title should be 12 point font, bold and centered. The authors should be 10 point font, normal and centered. The affiliation should be 9 point font italics, and centered. Please include contact email, as above.

Section headings should be in bold, 10 point font with 6 point space above. Normal text is 10 point font. Paragraphs should start with small indent, but no line space between them.

The references [1-4] should be numbered in the text, and then listed in order at the end.

A typical abstract is 1 page of text and 1 page of diagrams. The diagrams can be placed in a ‘Table’ to position them. Figure captions are 9 point font, in italics as shown in Fig. X/Y.

**4. Topics**

In the following part, you will find a list of the various conference topics:

* High-k dielectrics, metal gate materials and SiO2 for future scaling
* Gate stack materials for high mobility substrates (e.g. Ge, SiGe, InGaAS)
* Materials for non-volatile memories: flash, PCM, RRAM, MRAM
* Dielectrics for MIM and DRAM
* Low-k dielectrics
* 2D materials, nanowires and relevant dielectrics
* Materials for steep slope devices (e.g. tunnel FETs)
* Materials for neuromorphic computing
* Physics and chemistry of dielectrics and defects
* Modelling of atomic and electronic structure of insulators, interfaces and thin films
* Characterization techniques for dielectrics and interfaces
* Electrical reliability, leakage and related modelling
* Surface cleaning technologies
* Ferroelectrics and functional oxides
* Dielectrics on wide bandgap semiconductors (e.g. GaN, SiC) for power devices
* Dielectrics and thin film materials for TFTs, amorphous or organic devices and photovoltaics
* Dielectrics for photonics and sensing
* Materials for biomedical micro/nano devices.

**5. Conclusion**

We hope that this template will be helpful for the preparation of your INFOS 2021 abstract, and we wish you a successful writing.

**References**

[1] F.Andrieu et al., Microelec. Eng. 84 (2007), 2047-2053

[2] F. Rochette et al., Microelec. Eng. 86 (2009), 1897-1900

[3] W. Chaisantikulwat et al., Proc. ESSDERC (2006, Montreux, Switzerland), 367-370

[4] N. Rodriguez et al., IEEE TED 56 (2009), 1507-1515

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| *Fig.X: Figure Caption* | Fig.Y: Figure Caption |