**Form for applicants for a project assistant (phd) position at the**

**Doctoral School for Dependable Electronic-Based Systems**

Please complete all tables of this form. Please merge:

1. The completed application form;
2. curriculum vitae;
3. a recent certificate about the level of proficiency in English, if available;
4. a copy of your Master degree;
5. a link to the online version or a copy of your Master thesis;
6. any recommendation letters of your former advisor(s);
7. any additional documents such as a list of publications, transcript of records, and other relevant certificates.

in this order into a **single PDF file** and submit this file at:

<https://iti-hotcrp.tugraz.at/denise/>

On the submission page, please make sure to select all phd projects you are interested in under “phd projects”. Multiple projects can be selected. More information about the projects can be found here: [www.fh-joanneum.at/denise/application](http://www.fh-joanneum.at/denise/application)

The application deadline is **January 31, 2022**.

In case of questions please contact the coordinator Prof. Vogel or Prof. Römer denise@fh-joanneum.at

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| **1. Give your interest in the Phd positions (one of: none / some / high)** |
| PhD position | Interest |
| 1. Post-fault Operation of Open-winding Induction Machines (Mütze, Vogel)
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| 1. Reliable 1-bit Mixed-Signal Processing (Vogel, Saukh)
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| 1. Testing Safety and Trustworthiness of Embedded AI Systems (Saukh, Schauer, Vogel)
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| 1. Reproducible Testing of Large-scale Networked Systems (Römer, Schauer)
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| 1. Optimization Methods for Robust Wireless Network Planning & Design (Schauer, Römer)
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| **2. Personal data** |
| Family name |  |
| First names |  |
| Citizenship |  |
| Date of birth |  |

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| **3. Current Address** |
| Street |  |
| City |  |
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| Phone |  |
| Email |  |

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| **4. CV**  |
| Period | Organization | Position |
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| **5. Education** |
| Period | Institution | Title | Area |
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Please refer to the following web page for an explanation of the proficiency levels A1, A2, B1, B2 etc: <https://en.wikipedia.org/wiki/Common_European_Framework_of_Reference_for_Languages>

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| **6. Proficiency of languages (one of: none / native speaker / A1 / A2 / B1 / B2 / C1 / C2)** |
| Language | Spoken proficiency | Written proficiency |
| English |  |  |
| German |  |  |

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| **7.** **Specify your level of experience in the following areas (one of: none / some / expert)** |
| Area | Level of Experience |
| Energy-efficient wireless networks (BLE, ZigBee, UWB etc) |  |
| Embedded systems |  |
| Mathematical modelling of networks and systems |  |
| Signal processing |  |
| Circuit design |  |
| Mathematics |  |
| Discrete Optimization |  |
| Heuristics and Metaheuristic |  |
| Linear and Nonlinear Programming |  |
| Machine learning and Data Science  |  |
| Deep Learning |  |
| Electric Drives |  |

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| **8. Teaching experience, if any** |
| Period | Institutions | Course |
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| **9. Publications, if any** |
| Authors | Title | Journal / Conference name / year / issue |
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| **10. Participation in research projects, if any** |
| Project description | Your Position / Role |
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| **11. Prizes and Awards, if any** |
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| **12. Summary of your Master’s Thesis** |
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| **13. Your motivation for applying to this position** |
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| **14. References (names and contact details of two persons whom we may contact)**  |
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| **15. Miscellaneous (optional)**  |
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| **16. Where did you find our job advertisement? (mandatory)**  |
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