



## Letter of Reference

Mr Martin Domaracky has been employed at the Deutsches Elektronen-Synchrotron DESY, Hamburg site, since 1 July 2015 in the group FS-CFEL-1.

DESY is one of the world's leading accelerator centers. Researchers use the large-scale facilities at DESY to explore the microcosm in all its variety – from the interactions of tiny elementary particles and the behavior of new types of nanomaterials to biomolecular processes that are essential to life. The accelerators and detectors that DESY develops and builds are unique research tools.

The Center for Free-Electron Laser Science (CFEL) is a cooperation between DESY, the Max Planck Society and the University of Hamburg. The aim is to optimally exploit the scientific possibilities of the latest radiation sources with a temporal resolution of a few femtoseconds.

Mr Domaracky was responsible for the following activities:

- Developing software for controlling precision scientific equipment and instruments developed at DESY.
- Handling projects including commissioning equipment at scientific facilities both on-site and off-site.
- Implementing a large project to develop a flexible system to control experimental stations at synchrotron radiation facilities.
- Implementing an ambitious major project in the control of a sputtering deposition system over a period of a five years, working with scientists and mechanical engineers from DESY as well as engineers from an external company. Mr Domaracky led the development of the control of the system, including developing the software to control all functions of the instrument:
  - designing the user interface
  - developing drivers for sub-systems
  - developing diagnostics and running tests on sub-system and commissioning the complete system
  - producing software documentation.

Mr Domaracky impressed us with his comprehensive, wide-ranging and in-depth specialist knowledge, which he was always able to apply confidently and in a target-oriented manner in practice. Very recommendable is his very strong knowledge of the python programming language as well as his high level of expertise in developing software to control physical systems, including motors, sensors, large-area detectors and cameras, and interferometers.

As a result of his ability to familiarise himself extremely rapidly, Mr Domaracky was always able to grasp new areas of responsibility very quickly, work in a variety of roles and was able to understand extremely complex concepts with ease. He always worked using his own initiative and completely identified with his responsibilities and our research centre at all times.

Mr Domaracky always displayed an impressive level of dedication and motivation. He completed all his tasks commendably, even under the most difficult working conditions and under extreme time pressure.

### DESY.

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### Directorate

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Dr. A. Willner, CTO  
(Delegate of the  
Directorate for Innovation)



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Trustworthiness and absolute reliability characterised the work ethic of Mr Domaracky at all times. He always gave frank and carefully considered assessments of ideas or requests to add certain features or functions to the systems he was developing, and he always thought of the bigger picture and the impact small changes would have on the overall goals of the project.

The performance of Mr Domaracky always earned our full recognition in every respect. His work results were always excellent, both in terms of quality and quantity. He completed large complicated projects, producing systems with an extreme level of reliability and ease of use.

He was well-regarded by those around him due to his consistently friendly and well-balanced demeanour. He enjoyed the complete trust of all his line managers, colleagues and collaborating scientists from other institutes. His personal conduct was always exemplary.

Mr Domaracky is leaving DESY at his request on 31 December 2021. We sincerely regret his departure, as we will be losing a very capable employee. We would like to thank him for his consistently excellent performance and wish him all the best and every success in his future professional career and private life.

Hamburg, 31 December 2021

Deutsches Elektronen-Synchrotron DESY

A handwritten signature in blue ink, appearing to read "Edgar Weckert".

Prof Dr Edgar Weckert  
Director in Charge of Photon Science

A handwritten signature in blue ink, appearing to read "Henry Chapman".

Prof Dr Henry Chapman  
Head of FS-CFEL-1