Proposal for the Future Technology Award 2024

Maximum five pages in total (incl. figures and references, font size must not be changed)

**Project Title (please insert here)**

Short summary: What is the problem? What is the solution and how could it be reached? (max. 150 words)

1. **State of the Art**

What is the current state of the art in R&D? What are the open questions? How relevant is a possible solution for research and industrial application?

1. **Goal and work program**

What is the goal of the project? How can the goal be reached? What are important milestones and when should they be reached? What are potential obstacles and how might they be bypassed?

1. **Potential for follow-up projects**

Which additional challenges might be possible to be solved after a successful completion of the project? Which possible applications might be developed after the research questions have been solved?

1. **Requirements**

Is all relevant know-how available at your institute? Which machinery is needed? Is there any machinery needed which is currently not present at your institute? What are risks and chances of the proposed research activities?

1. **Financials**

What is the estimation of the financials needed for a successful completion of the project? How will the money be spend?